

<210> 11915  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

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 gaatataaaa tgagggtgtgc taatgggtcac aggattgagg ccagcattac agtttggggt 180  
 gatttttctt ttatttgctc cctcactttg tttcctagat gctagtaggg gtatctgggt 240  
 tgcttgagat accattttgc aattgcccct tctctttctg cctaccatct tctcaggccc 300  
 tgatgagctt attggtaggc aactgggctg ctttagtggt gaacttgtag tttagaaact 360  
 gaagtggaaat cattgaaaac tttcaataaa gctttaaagt tccatttact tttgaagcac 420  
 agctaagctc ctctgaaggc agctgggttg ttgcaa 456

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 <212> DNA  
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 cctccacctg accccg 196

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 <212> DNA  
 <213> Homo sapiens

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 aaatatgttg agaagaaagt atgaactata aggaacttga gatgtagatt tattttgcag 180  
 gaaatacgag gaaaatagga aagaagtgtt tgccgcgt 218

<210> 11918  
 <211> 145  
 <212> DNA  
 <213> Homo sapiens

<400> 11918  
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 taggtaacac aagatgattc aaacacagct ttcagtgttg agaaaatagg taacttgtga 120  
 ttcttagtcc ttgcactaat aaagc 145

<210> 11919  
 <211> 468  
 <212> DNA  
 <213> Homo sapiens

<400> 11919

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taaggttcta	watgagaaga	aacttcaaga	ggttgatagt	ttatggaaaag	aatttgaaac	360
tccagnrgaa	agcaaacaaa	atcakkssac	agctctgatg	gaggggcaaa	ankcaataag	420
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 <212> DNA  
 <213> Homo sapiens

<400> 11920						
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ggcccaactg	ccctggagtc	atcaatcctg	gagaatgtaa	aattggcatc	atgcctggcc	180
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cagttcacca	aacaacgcaa	gttggtattg	ggcagtcctt	gtgcgttggc	attggaggna	300
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agaaggcatc	atattgattg	gtgaaattgg	tggtaatgca	gaagagaatg	ctgcagaatt	420
tttgaagcaa	cataattcag	gtccaaattc	caagcctgta	gtgtccttca	ttgctggttt	480

<210> 11921  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

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aaggcggtg	ccaccaggca	arttctcaaa	ctgcctagct	gcgagttagg	ggcctgtagt	180
ggggcctccg	aatgcaatag	ccgaggagga	ggggmrugga	tcccgcctta	caarctctca	240
g						241

<210> 11922  
 <211> 152  
 <212> DNA  
 <213> Homo sapiens

<400> 11922						
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agttgttgcc	tgggtagagt	ggggtagtg	gg			152

<210> 11923  
 <211> 644  
 <212> DNA  
 <213> Homo sapiens

<400> 11923						
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ataaagtaca	ttgtcaaagg	tgaggagaat	tacaaagaaa	cttcttaagg	gtgggggaga	120

tgataaaagaa	ccttctttaag	agtggggcag	attacaaaagt	acattgatca	gttaggggtgg	180
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tcttcagttg	cttcaggcca	tctggatgta	tacgtgcagg	tcactgggat	atgatggctt	300
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aatagtggta	aagtrttggg	rtggygaaaa	tttttggggg	gtgkyatgga	gagayaatgg	420
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agagattaag	ctgaaagaag	atthttgtgt	aaggggtgat	attgtgggat	tgtagaaga	540
aacatttgtc	gtataanatg	attggtgagg	gcctggatat	ggttttgtat	taattgagaa	600
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<210> 11924

<211> 229

<212> DNA

<213> Homo sapiens

<400> 11924

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cattttacag	atgaagagac	tgagatttag	aggttatata	acatgcccac	ctgattgggt	180
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<210> 11925

<211> 375

<212> DNA

<213> Homo sapiens

<400> 11925

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ctggagtcca	tctaccctga	ctccttcaca	gcttgattgc	acattgatcc	aaccctccta	180
acaactagtc	ttccaaaata	taaattggact	ctcctgatac	cacattctcc	ttcagttagt	240
cttcacttga	caaggctcct	ctaagtatta	tcagaaaatc	caccagctt	caccattact	300
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agtgaaaaat	accac					375

<210> 11926

<211> 411

<212> DNA

<213> Homo sapiens

<400> 11926

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cgagctggag	gccctggagt	ccatctaccc	tgactccttc	acagtattat	cagaaaatcc	180
accagcttc	accattactg	tgacgtctga	ggctggagaa	aatgatgaaa	ctgtccagac	240
taccctcaag	tttacatata	gtgaaaaata	cccagatgaa	gctccccttt	atgaaatatt	300
ctcccaggaa	aatctagaag	ataatgatgt	ctcagacatt	ttaaaattac	tagcattaca	360
ggctgagaaa	atcttggtat	ggtgatgatt	tttactctag	tgacagctgt	g	411

<210> 11927

<211> 236

<212> DNA

<213> Homo sapiens

&lt;400&gt; 11927

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acttgctcag	tagttttgtg	aaagtctcaa	gtaaaagaga	cacaaacaaa	aaattctttt	180
tcgtgaagaa	ctccaaaaat	aaaattctct	agagataaaa	aaaaaaaaaa	aaaaag	236

&lt;210&gt; 11928

&lt;211&gt; 502

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11928

gttgccctg	tgatccctca	agactgggtcc	acggagtgtg	tgaccacaaa	cagccatcaa	60
ggtactgagg	acagtacaga	ttagtgtgca	cagagatctc	tgtagaaaga	gtagctgccc	120
tttctcagg	cagatgatgc	tttgagaaca	tactttggcc	attaccccca	gctttgagga	180
aaatgggctt	tggatgatta	ttttatgttt	tagggacccc	caacctcagg	caattcctac	240
ctcttcacct	gacctgccc	ccacttgcca	taaaacttag	ctaagttttg	ttttgttttt	300
cagcggtta	gtaaaggggc	agcagtgtgca	aaatataatc	agagataaag	cttaggtcaa	360
agttcataga	gttcccatga	actatatgac	tggtccacaca	ggatcttttt	gtatttaagg	420
attctgagat	tttgcttgag	caggattaga	taaggctgtt	ctttaaatgt	ctgawatgga	480
acagatttca	aaaaaaaaacc	cc				502

&lt;210&gt; 11929

&lt;211&gt; 482

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11929

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gccgaactgg	ggaggaggca	agaaatgtgg	ggtgtgtcag	aagacggttt	actttgccga	120
agaggttcag	tgcaaggcca	acagcttcca	taaatcctgc	ttcctgtgca	tggtctgcaa	180
gaagaatctg	gacagtacca	ctgtggccgt	gcatgggtgag	gagatttact	gcaagtccctg	240
ctacggcaag	aagtatgggc	ccaaaggcta	tggtctacggg	ctgccacccc	ccaccaaagt	300
taaaatataa	ttgtcattcc	aggaaatcaa	aatcttttag	aatagcacac	tccaaacmnr	360
gtgatgggaa	cactactaat	tccttagact	tcctttggca	gcattacttt	tgataagaag	420
tctccaaata	aaatacaaaa	ttttggcaca	gacattttta	tcttgtcaag	acaatgtaag	480
ga						482

&lt;210&gt; 11930

&lt;211&gt; 335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11930

caagagatcc	agagatatga	aattacactt	caggttttaa	ccttaagggg	aaatattctt	60
tgtcaaagaa	ttaaagatta	gatgccataa	aatatacttt	ctgtacactc	atcaaccag	120
gtcaggagaa	actaggttct	ggagtcctac	gtggttagtt	ctaggaggta	ccaacagtct	180
ctcaacaaaa	ggatgagcaa	tgagtcattc	tagaagggat	aaataagaac	atcatatcca	240
gatagggaaa	catgcttcag	tttctgggtg	gatttgagag	aaggaagtat	atacaaatat	300
atgaagaaaa	aggcaatgaa	caaaggagaa	atggt			335

&lt;210&gt; 11931

&lt;211&gt; 607

&lt;212&gt; DNA



05-13906-06

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tgatttacct	aatgttacct	tgtagattaa	acactattaa	gtggtaatac	ttgaaaagga	120
gcacttatac	cataagtctt	aggaaataat	gtttgtaata	aacttaacta	tgttacatat	180
caacaggcaa	aaatatagaa	tgttacatag	tgttgtgtga	ttaaattata	gttcctgctg	240
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gaaaagggac	tgtaaactta	agatgtattt	taaggacttt	atctgtgctt	catcacccaa	360
cttggtcaca	ttgttaattt	ctgtccagag	acctgaaact	gcttaagtat	gggaacagac	420
tgaaatggtg	tttcaacctg	caagagacag	aagcatagac	aagtatatga	gcccttatgt	480
ccttaatgcc	aatcaactag	attgacctag	gttaaaattt	caaaaggctc	attttctccc	540
aaagctaaat	ctttatatta	ggaacattaa	ntattgwctt	aagttgtaaa	aattgagagt	600
acaatat						607

<211> 141

<213> Homo sapiens

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agaaaatata gcatacaaga tgctatatga atctgggatac tgtgaagaaa atcttaccoc 120
taaacaattc ttaatgaccc c 141
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<211> 143

<212> DNA

<213> Homo sapiens

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acttcttttg tgggaaaata tataacctaa agtttcttgt tttatgtgta cagttcagtg      120
qcattaagca cattcatatt gtg                                     143
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<211> 217

<212> DNA

<213> Homo sapiens

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ggctcttatga	caggcatgca	cacgagctgg	cttgtcatta	ccctatcctc	ctccatgatt	120
ctgtcttgty	aaatcatgaa	tggaatttct	atgaaaatat	atagcaaata	ggttcctgac	180
aaaattacta	ttcacataat	tcatcatcct	taagtga			217

<211> 511

<212> DNA

<213> Homo sapiens

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ccgaqtcagc cataaagcta cgcgctaggc tcttggccct gacgtgaggc gcgcagagat 120

ggcgtaacgg	gaatagtttt	caacgtctat	ttcattccct	gcttcagagg	acctctttta	180
tctttgattt	tggtccctgt	ttctaagaaa	agcaactgaa	aaggtegtaa	taccgcccct	240
gagaaaaaag	gagcagcgct	aaataatcga	gaaaatgcct	cctcttgaaa	cggatataga	300
gatggaaaaca	agatataaga	aggattgaga	atcatataat	acaggagctt	aaacacctat	360
gcgcgatgat	aaagagggta	ctattagagc	gcttggaata	taccaggaag	ttgagagagt	420
taacagaagg	gcgcacgctg	gattggccac	aaaatcgaat	tactgaaggc	cactactgat	480
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 <211> 393  
 <212> DNA  
 <213> Homo sapiens

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ggtaagatta	tgatttcatg agaaacaatt gaaaatatat ccgatctaata taaatttaggt 180
cagcctgcta	ttgctctcag gtgttgcttg tcttcacgaa tgattagtat cgattgacct 240
ctttcttagg	tggttttaag tcttcagttc tcgtcagcat gaactaactt ctcacatcatgg 300
aggcacatag	taactgcatt ctcagaagat ttatgcagtt aaccaattga tacaagtntt 360
ctttttcttg	aatttttttt ttttwaattg agg 393

<210> 11937  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

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gcctctcctg	gtttgttgtt gttttcctat tgtgggtcaat agcagtagca tttacctttt 120
tagctgttaa	gttattaaac aggttattct ttttagttat cttcccca 168

<210> 11938  
 <211> 139  
 <212> DNA  
 <213> Homo sapiens

<400> 11938	
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cctattaaaa	tatcagcacc acaagacagg aactgttcat ttntttcatg gaggtattgg 120
tttcatgtgg	tatttctag 139

<210> 11939  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 11939	
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gaatttttctg	ggcaactgtc acccggatag stgtcagaga atcatcatca ccgcaactct 180
gacgtttcct	acaagaagtt agagacttaa gcagtattgg catcggatgg aaatgggatg 240
catgctgctg	tggaaaatat ccctgagctg aagaagtgca actatgtgtt gtgtgtgcta 300
aatgcccaga	agaaccacga cccagtgrgt aagagagacg aaatgtggag agaagtacta 360

acgacaaatc cgtgaatttg ttctctggag ttgctaatt

399

<210> 11940

<211> 87

<212> DNA

<213> Homo sapiens

<400> 11940

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60

87

<210> 11941

<211> 175

<212> DNA

<213> Homo sapiens

<400> 11941

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ctagctcagg tctgtgtgga aggaggaagg cagggagagg tagaaggggt ggaggagtca  
ggaggaatag gccgcagcag ccttggaat gatcaggaag gcaggcagtg ggtgc

60

120

175

<210> 11942

<211> 433

<212> DNA

<213> Homo sapiens

<400> 11942

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gcgggctggg ggtgcgagaa ggaagcttgg caaggagact aggtctaggg ggaccacagt  
ggggcaggct gcatggaaaa tatccgcagg tccccagggc agaacagcca cgctccagggc  
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catagctgag cgagcccggg tgcgctggtc tgtgtggaag gaggaaggca gggagaggta  
gaaggggtgg aggagtcagg aggaataggc cgcagcagcc ctggaaatga tcaggaaggc  
aggcagtggg tgc

60

120

180

240

300

360

420

433

<210> 11943

<211> 442

<212> DNA

<213> Homo sapiens

<400> 11943

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tgcgcgcctg ggtgtagttg tgggggagga agtggctagc tcagggcttc aggggacaga  
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gcagggtcccc caggcagaac agccacgaca atcaaatag gcaatacaaa gggagataca  
ggtttagtg gagtaactta ttgtgsnrwt tttgtactgc akgtaaacaa rcaaacatca  
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60

120

180

240

300

360

420

442

<210> 11944

<211> 352

<212> DNA

<213> Homo sapiens

<400> 11944

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tgcgcgcctg	ggtgtagttg	tgggggagga	agtggctagc	tcagggcttc	agaggaacag	180
cagcacctgg	gagaggggat	gagcttgttg	ggctgaggct	ggacggagtg	agtagcagtc	240
tgcctggcag	cagtacagag	ctgatatgtt	gagttgatga	gtttcctgag	gcaggtctgt	300
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<210> 11945

<211> 272

<212> DNA

<213> Homo sapiens

<400> 11945

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atatctggcc	ccagtctggt	cactcatccc	ttttagggca	acaaggaaac	tatcctgtgg	180
cctgagagca	caatacctga	gacaaaggcc	agcagaaaca	tttgtctgcc	ctcacccttt	240
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<210> 11946

<211> 478

<212> DNA

<213> Homo sapiens

<400> 11946

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gagcggccca	cggcaaagag	acatggctct	gctatgttgc	cagtctgggc	tcaaacttct	180
ggccttgagt	gattctctca	cctcagactc	ctgagtagct	gggattacag	atgcggggcca	240
ccacacctgg	ctgtacaaac	tttaaaatgt	ttgagcaaat	tcaatgagta	tagtaaaata	300
tcttctctcn	mntaccgatt	cccacctat	tctccccac	ccccaccca	ggcatcaata	360
ttatggtttc	ttgtgcactg	rgtgattttt	ttaaattatta	ttattttttt	atttttgaga	420
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<210> 11947

<211> 442

<212> DNA

<213> Homo sapiens

<400> 11947

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tccccagtag	aaawaaaaaa	aatctttaca	tttggttact	ttcttttccc	cccgtaaagc	180
acagaattaa	tggaaagtga	gtatcttgga	tttcaaatct	gaagagattt	ttaccattag	240
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aaatatcttg	aggtattttg	ccactggctt	catgctggag	taatgggtaa	catatctttg	360
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<210> 11948

<211> 468

<212> DNA

<213> Homo sapiens

<400> 11948

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cgctcatagc	tgcttttggc	gcgaaagatg	ccgggtctgg	ttgactcaaa	ccctgccccg	180
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gcgcgcgatg	cgtgtatcat	cgagaaagga	gaagaacact	gtggacatct	aattgaggcc	300
cacaaggaat	gcatgagagc	cctaggattt	aaaatatgaa	atggtggtct	gctgtgtgaa	360
taaataattc	ctgaagaatg	aagaagatta	attttgggag	ttctttgacg	aactttgata	420
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<210> 11949

<211> 523

<212> DNA

<213> Homo sapiens

<400> 11949

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cgctcatagc	tgcttttggc	gcgaaagatg	ccgggtctgg	ttgactcaaa	ccctgccccg	180
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gcgcgcgatg	cgtgtatcat	cgagaaagga	gaagaacact	gtggacatct	aattgaggcc	300
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ttcaaaatgt	agcagcttct	tagttacttt	ggaacactac	tcttacatgt	ataaagtgat	420
tgacttgact	ttctagcttc	ccttgctccg	aggatattaa	aatgcttggg	tgaggtttag	480
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<210> 11950

<211> 343

<212> DNA

<213> Homo sapiens

<400> 11950

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aaagtccctt	tgtagcaaat	gtcacctcat	tcgtggtctt	tttacctatc	ctaagcttat	180
gatgatgrgt	tatgaatgcc	aaatatattat	ctgaagagtt	tctcctcatt	gtgaatgtgt	240
atgtaaaata	tgaagacaag	aaaggggtgct	ttcatctgag	gaaccaaggg	gtgggagtat	300
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<210> 11951

<211> 431

<212> DNA

<213> Homo sapiens

<400> 11951

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accagtgaay	gctataagct	cctggaaaaat	atgaataaac	tcaccagctt	gaagtatctt		300
gaaatgaaag	atattgctat	aaacattagt	aggaacttaa	aggacttaaa	ccagaaatat		360
gctggactgc	agcttatctg	gatcagatca	atgtcattga	agagcaggta	gcagctcttg		420
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caaaggtggc taaggacctc aaccaggag ttaaaaagat gtccctgggc cagctgcagt      180
cagcaagagg tgtggcatgt ttgggatgca aggggacgtg ttcgggcttc gagccacatt      240
catggagsaa aatatgcaag tcttgcaaat gcagccaaga ggaccactgc ctaacatctg      300
accttgaaga cgatcggaat attggccgct tgctgatgga caccaagtat tccacctca      360
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cagaatgttc aggatgctga acagcagttt tgaggatgac cctctcttct cgtgagttac 180
qqaagcccaq aqtccqgggt cgcgcgggaa ttaagacata caggtggtct tactctgca 239
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ttaacatcgt ttttccatc tgccggcggc tgccgccacc caagacagag ccagaatgtt 180
caqqatcgtq aacaqcaqtt ttgaqqatga ccccttcttc tcgtgagtta cgggagccag 240
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<210> 11956

<211> 229

<212> DNA

<213> Homo sapiens

<400> 11956

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gtttaaattc	agtaacgtac	ttgaaaggca	aatttcagtg	cttttggtat	gttggaggag	180
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<210> 11957

<211> 200

<212> DNA

<213> Homo sapiens

<400> 11957

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ctagtctttg	aaagtttggt	ctatactttt	cccccaaccc	tccaataaat	cttaaattta	180
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<210> 11958

<211> 181

<212> DNA

<213> Homo sapiens

<400> 11958

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ttstgctctg	caaggatata	taataactgc	tgctttatct	ttccacagat	tggtgtgccc	180
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<210> 11959

<211> 531

<212> DNA

<213> Homo sapiens

<400> 11959

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cgtgaagata	ggtactgggt	ttggattagg	aattgttttc	tcacttacct	tctttaaaag	180
aagaatgtgg	ccattagcct	tcggttctgg	catgggatta	ggaatggctt	attccaactg	240
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ttaaactcca	gcacctgggt	atgcatttga	aaccaagtct	gtttcttggt	ttgtattttc	480
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<210> 11960

<211> 206

<212> DNA

<213> Homo sapiens

<400> 11960

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gtgaagatag	aatcctggta	ttgatgtcca	cccagaaaat	ccctgcagat	gttccagcct	180
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<210> 11961

<211> 188

<212> DNA

<213> Homo sapiens

<400> 11961

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gactctggta	ttttttaaga	tatcgtggat	tctgtttggt	gtacccttcc	ttcatgggta	180
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<210> 11962

<211> 203

<212> DNA

<213> Homo sapiens

<400> 11962

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gtatctcaaa	atattaactt	agacttatgg	agcagatatt	ttactaattt	ttatgaaatt	180
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<210> 11963

<211> 79

<212> DNA

<213> Homo sapiens

<400> 11963

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<210> 11964

<211> 156

<212> DNA

<213> Homo sapiens

<400> 11964

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<210> 11965

<211> 325

<212> DNA

<213> Homo sapiens



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 gagagtggag atggcaacac aggtaagagt tttctgatct agctttttta ttaactctag 180  
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<210> 11966  
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 <212> DNA  
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<400> 11966  
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 gaaatgcttt gtctactcag ttataaaata ttcagatata agttttatct cagggtgaata 180  
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 tgttttttta gtgtatttca ttgagaatct ttccatttag tctgattttt ttctctaata 300  
 tctagcaggc tggggtggta taaa 324

<210> 11967  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

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 tgtagagcac ttttcttttc tccaagtcac gctttcctta aaatcagttg aaaaattgaa 240  
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 taagaggaa 429

<210> 11968  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

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<210> 11969  
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 <213> Homo sapiens

<400> 11969  
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tttagaacag	aaactgttca	tacttggtgc	gctgtggact	cttgtgataa	ttaaccaaga	180
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tcttttcatg	taccaagtct	tgaagagctt	gctggagtta	tgcaagaagg	gttaaaagat	300
aactttgctg	atgtccaggt	ctctgtagtt	gattgccctg	atttgactaa	ggacccttta	360
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<210> 11970  
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<210> 11971  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 11971	
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aggatgaact	120
tcaatacact	180
ttctgaggaa	240
ttcttctttc	300
gatagaaatg	335

<210> 11972  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 11972	
gcattggggc	60
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aattgtccwm	300
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<210> 11973  
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 <212> DNA  
 <213> Homo sapiens

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atggatgact	120
acttatcccc	180
aaaaaaaaat	240
atagaatatc	300
gtttgctgaa	360

aaagagctgg	agaactccat	gtactttgga	atctcctcca	agatagccag	agtttaatac	420
atcttcattc	tcaacactct	ccaaagaact	tgacctacct	tatgggttcc	atatttttct	480
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<210> 11974  
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 <212> DNA  
 <213> Homo sapiens

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tacaaaagta	taaaagcaca	aatttgaact	tacatagtgt	agtttaagta	tgtntcacta	180
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<210> 11975  
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 <212> DNA  
 <213> Homo sapiens

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gaaaactgat	ccataataat	raaaatgtct	cgaraaattt	caaaggagtc	aaaaaaagtg	300
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<210> 11976  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11977  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 11977						
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<210> 11978  
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 <212> DNA  
 <213> Homo sapiens

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cctacctgga	aagccaacca	gtcctcatnm	rtggacaaga	tcaccagctc	ctcctgtgga	480
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<210> 11979  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

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cagcaggaac	agtggaggaa	tgtgtacaga	agttcatcga	aattgatcaa	gcatggaaaa	300
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aa						362

<210> 11980  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11981  
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 <212> DNA  
 <213> Homo sapiens

<400> 11981						
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<210> 11982  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

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 gtaagcatag tcgtaaagga agtgaaagct tgagtcagag gacacccgag ggaggagcat 180  
 tccaggtgga gggacn 196

<210> 11983  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

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 ccgtccagcc cctgacgggg caccatcc tgaggggctc tgcattggcc cccaccgrgg 180  
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 <213> Homo sapiens

<400> 11984  
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 gtaagtctct ggatttgagc gatttgaccc agaactcttg accaatactt gaggataaca 180  
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 ttcacccaaa gtaacccc 259

<210> 11985  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 11985  
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 ggtacttgaa ttttgatcaa gataagctgc cttaaagtct cttcattaca caaatgatcc 240  
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<210> 11986  
 <211> 168

<212> DNA  
<213> Homo sapiens

<400> 11986  
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cagaagaata agcgagactt tttatccatg aaacagtctc ctgccctc 168

<210> 11987  
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<212> DNA  
<213> Homo sapiens

<400> 11987  
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catggaaact tacttggttaa tattaaatth atgcaagact taatgcaaga cttaatgtat 180  
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<210> 11988  
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<212> DNA  
<213> Homo sapiens

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a 121

<210> 11989  
<211> 378  
<212> DNA  
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<400> 11989  
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ggagctacaa gacggaga 378

<210> 11990  
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<212> DNA  
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taacatacat atctccctaa agtttacaat attgtagtgg ttcattggggc ccctgggttaa 180  
gagcccatte taaagtacaa tagggcatca tcccttttcc tgcaaagccc aaaagtatat 240  
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taggggacct g

311

&lt;210&gt; 11991

&lt;211&gt; 414

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11991

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&lt;210&gt; 11992

&lt;211&gt; 635

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11992

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ttccctttct	tanktgaaga	tttrrccaaa	aagagtaaag	agtaggwag	agaccattt	240
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aggaaataaa	taaatgaaca	acaacaacaa	cacca			635

&lt;210&gt; 11993

&lt;211&gt; 174

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11993

cctttcttta	ttatacaaat	aggcagtata	cacagtgage	gccactaag	cgctgggctg	60
ggggcctcca	acccggaaca	gaagccggcc	acaaccctcg	ctccctgtcg	tcgcggccgt	120
tataggccga	aagcaaaatc	caatcccggt	ccattgtggg	cggattgcca	ggac	174

&lt;210&gt; 11994

&lt;211&gt; 253

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11994

raacattgat	gaattgttgg	agttagagag	tgaagaggag	agaagccgga	aaatccaggg	60
actcctgaag	tcatgtggga	aacctgtcga	ggacttcac	caggagctgc	tggcaaagct	120
tcaaggcctc	cacaggcagc	ccggcctccg	ccagccaagc	ccctccacg	acggcagcct	180
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cccccgagc ccg

253

<210> 11995  
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<212> DNA  
<213> Homo sapiens

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tcacaatagg tcataaagggt ctcttccttt tctaaaattg aaagacaaga aatttagtgc 180  
caatattgta cagacagaaa ttccatgtat gagtctcaac aaagactacc tttggctaaa 240  
tgtctagaag cagagaagta aagtgrrcra aaatccagtg ttgaggagtc atgacagtac 300  
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<210> 11996  
<211> 188  
<212> DNA  
<213> Homo sapiens

<400> 11996  
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tgtggagtggt aattttattg cactctgggt ttttaagata gtagtggcca aaatccagtt 180  
tctgacc 188

<210> 11997  
<211> 344  
<212> DNA  
<213> Homo sapiens

<400> 11997  
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acctaaagtg gcgaacctgc ttctctcgtc ccacctccta acccagtktt tcttacctga 300  
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<210> 11998  
<211> 464  
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<213> Homo sapiens

<400> 11998  
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gtccctggga agctgcatga tgtggaacac gtgctcatcg atgtgggaac tgggtactat 180  
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aagcagatgg agaaaatcca accagctctt caggagaagc acgccatgaa acaggccgctc 300  
atggaaatga tgagtcagaa gattcagcag ctacacagccc tggggggcagc tcaggctact 360  
gctaaggcct gagagttttt gcagaaatgg ggcagagggg caccctttgg gcgtggcttc 420



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464

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<212> DNA

<213> Homo sapiens

<400> 11999

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cctgacctcg	gcctcccaaa	gtgctgggat	tgcaggcatg	agccaccgtg	cccggcctcc	240
catcctgact	tctaacatcc	tatttttagtt	ctgtntgttt	ctgagtntga	tgtagaagga	300
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<210> 12000

<211> 481

<212> DNA

<213> Homo sapiens

<400> 12000

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gsaatggsta	agccccaggt	ggttgtagct	cctgtattaa	tgtctaagct	gtctgtgaat	180
gcccctgaat	tttacccttc	aggttattct	tccagttaca	cagaatccta	tgaggatggg	240
tgtgaggata	tcctactcta	tcagaatatg	ttcaggattt	tttgaatcat	cttacagagc	300
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caaattttct	ttatatggga	gctcgccctgt	gtaattacct	gnsccatcat	ctgacaatta	480
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<210> 12001

<211> 342

<212> DNA

<213> Homo sapiens

<400> 12001

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aagagagcgt	casttattag	gcaaattgctg	cgtgggtttt	gaagagggtc	gacactataa	300
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<210> 12002

<211> 144

<212> DNA

<213> Homo sapiens

<400> 12002

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tcacctgagg	ccaccaggct	caagccactg	ctgttgcatc	acacccatcc	ctttgcaaaa	120
tccctatgga	gcctgtcacc	accc				144

<210> 12003  
<211> 492  
<212> DNA  
<213> Homo sapiens

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gatttcgcct tgttggccag gatggtctcg atctcctgac atcgtgatct gccaccttg 360  
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<211> 442  
<212> DNA  
<213> Homo sapiens

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aatcctccaa catgatggat ctacttatgg tctgtntgt tgacatgaca aattaacatt 180  
cttaatatgtt acatctggaa atgagcattt gaaatagata atccataagc cttgtggcaa 240  
aattttwtgtg gcttttgttt aactttgaaa ggttattatg cactaacctt ttttgggtggc 300  
taattaggggt ttaaatacag aaacaagatt tcaaataaaa ctgtcttttg cagttagtaa 360  
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<210> 12005  
<211> 353  
<212> DNA  
<213> Homo sapiens

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aagagacaaa gaaagtgcct tgtacagatg caaacggagg tgtagactgt gcagctgcc 180  
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<210> 12006  
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<212> DNA  
<213> Homo sapiens

<400> 12006  
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ggctcattat ccaaaatcga agaatatgag cctgtgcatt cactggaaga actgcaaaga 180  
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aaagccaaa

249

<210> 12007  
<211> 215  
<212> DNA  
<213> Homo sapiens

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gattgcttca ttttatcagg cggggccatt gtgaaagagc tcaggggaaa tgtggaggtt 180  
aaatatattt ccagagttgt ccagcagaaa gaaag 215

<210> 12008  
<211> 368  
<212> DNA  
<213> Homo sapiens

<400> 12008  
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<210> 12009  
<211> 174  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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aggaggtgat ggcggagttt tcggacgctg ttacggaaga aaccttgaaa aagcagaagt 180  
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<210> 12011  
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<212> DNA  
<213> Homo sapiens

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aatcggggccc	cgayactcag	aatgaagatr	tagagaaaca	aggaagaaat	tgaccctgac	180
gaagaagaaa	gtgccaagaa	aaagcatttg	gataaga			217

&lt;210&gt; 12012

&lt;211&gt; 439

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12012

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atgcatcaca	ctccacata					439

&lt;210&gt; 12013

&lt;211&gt; 350

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12013

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&lt;210&gt; 12014

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12014

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tcatccactt	ttcatttttag	aaataaacag				210

&lt;210&gt; 12015

&lt;211&gt; 166

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12015

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<210> 12016  
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 <213> Homo sapiens

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 catcaaggat ggattatccc aaaatggatt attttctgga tgtagagtct gctcacagac 420  
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 tgggtcccggc gccctttctt tactgttata tgtaggcga aatattacgc gtttggagta 180  
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 <212> DNA  
 <213> Homo sapiens

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 gagagggact ctgaaagggc cccggccagc gtccctgaga cgccaacggc agtcactgcc 180  
 cccattcca gtcctggga tacgtactat cagccccgtg ccctggagaa acatgctgac 240  
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<210> 12019  
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 ctgctggcag gactgagctg tccgggttct cccacactt ccagcacagc tgtgctctgt 180  
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<210> 12020

<211> 173  
<212> DNA  
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<400> 12020  
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<212> DNA  
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tcagaagtca gtccatgtct ttctctaact cattcaagat agatgaatta ttagcttgta 180  
cctcaaaatc tcccagcatg g 201

<210> 12022  
<211> 152  
<212> DNA  
<213> Homo sapiens

<400> 12022  
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tggcggggtg agtgcggggt ccagagagaa ac 152

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<212> DNA  
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tcaggaagaa caggtagaag aaatgcaata catgatatcc tggtttcctc tgcaagtggc 180  
aacagcaatg aattagcctt gaaattagca ggtcttgata tcaacaagac agaaggtgaa 240  
gaagatgcac aacgaagttc tacagaacaa agtggggaag cccagggaga agcagcaaaa 300  
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<210> 12024  
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<212> DNA  
<213> Homo sapiens

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aatccaaagg aagaaatctc tgcaaagaag gcagccattg gttttgggtt gcttaaggac 180

aaggcaaata tctgaggtcc atgtgagaag aaacgtcagg ccc

223

<210> 12025  
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<212> DNA  
<213> Homo sapiens

<400> 12025  
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tcccttagac atgtaccgga acccgggggc ctcgggggcm agtccggga cttcagcagc 180  
atcatccaga cgtgcagcgg caacatccag cggatcagcc aagccactgc tcagataaag 240  
aatttgatga gccagctagg aactaagcag gactcaagca agctacagga aaatctgcaa 300  
cagttacaac actccacaaa tcagctcg 328

<210> 12026  
<211> 476  
<212> DNA  
<213> Homo sapiens

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ccttggggcg cgtctccttt gaggttaagg gacctggatac caagaagtga ctgctcatct 180  
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ggtggcaagt ccatctatgg ggagggtcag cctgcttttg ttatcaagcc ttcccagcgg 420  
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<210> 12027  
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<212> DNA  
<213> Homo sapiens

<400> 12027  
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ccttggggcg cgtctccttt gaggttaagg gacctggatac caagaagtga ctgctcatct 180  
aatccataaa gctatgttaa cagattggag gtagtagcat ttccattaca agtgactaaa 240  
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cctgcttttg ttatcaagcc ttcccagcgg aacctagggg ngagagacac agccaggasc 540  
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<210> 12028  
<211> 239  
<212> DNA  
<213> Homo sapiens

<400> 12028  
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ttgttggctg	tttgacact	tgggatttgc	agtcttcaat	gaatatgaaa	agagttggcc	180
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<210> 12029

<211> 205

<212> DNA

<213> Homo sapiens

<400> 12029

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tttcataaaa	ttcatagtgtg	gagaagtaga	ttcacatatt	caagttgttc	caattatata	180
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<210> 12030

<211> 215

<212> DNA

<213> Homo sapiens

<400> 12030

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agagaaaaatc	tgtttgtaaa	cctgaatctc	tgttttgcct	acacatttgc	attgtattcc	180
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<210> 12031

<211> 372

<212> DNA

<213> Homo sapiens

<400> 12031

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ctttcaatgc	aaagcttgtct	aacccatagc	ctgcaggcca	catgtgaccc	aggatgactt	180
tggatgtggc	ccagtgcata	ttcgtaaact	ttcttaaaat	attataagat	tgttttgcaa	240
tacatcagta	tcgttagcgt	tagtgtatct	tatatgtggc	ccaagacaat	tcttcttctg	300
atgtggccga	gggaagccaa	aagattggat	actcctgcgt	aagggggaaa	tgcatgttta	360
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<210> 12032

<211> 495

<212> DNA

<213> Homo sapiens

<400> 12032

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tgtcaatata	ttcttggggg	tgaatctcca	gtgatctgta	aaatcttaga	tacagcagat	180
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tcattgaaag	tcattgataat	ttctgtccca	ctgtgtctca	ttatagagtt	ctcagccatt	300
ggacctcttc	ttaaaggatg	tataaaatga	ctctcaacca	ctttgtgaat	acatgtgtat	360
ataagaggtt	attgataaac	ttctgaggca	gacatttgtc	tcgctttttt	tcattttttg	420
tgtgtcttat	aaactgactg	tttttctttg	cttgnatact	gtgatttcca	aaataaatct	480



catccaagca agtta

495

<210> 12033

<211> 303

<212> DNA

<213> Homo sapiens

<400> 12033

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gggactctaa	ataaaccagt	ttaggcattt	gctagcttta	ggtgctttta	ttgggtgcctg	180
cccttttcct	tggtcatttt	aattttctgca	ataatcctgg	acttttcctaa	actatgtaat	240
gtatacttgt	cctttttctc	tgctccccc	aacccctgt	tgtttttatg	gtcagctttg	300
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<210> 12034

<211> 152

<212> DNA

<213> Homo sapiens

<400> 12034

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cgaagtgcct	taagcaacat	ccgcgagttc	ctgcgcggct	gcggggcttc	cctgcggctg	120
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<210> 12035

<211> 204

<212> DNA

<213> Homo sapiens

<400> 12035

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gtaaaggact	ctggagcggg	cgcgaggagc	agttcctggt	tcattacgag	cgccccctct	180
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<210> 12036

<211> 284

<212> DNA

<213> Homo sapiens

<400> 12036

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tcatgtctca	aaatcttccm	agtcagaagc	tctactcart	ataacaaata	atggaataca	180
ctttgctccc	ctgcaaacat	ttacagatga	ggaaatgatg	ataaagagtt	casntaaaaa	240
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<210> 12037

<211> 275

<212> DNA

<213> Homo sapiens

<400> 12037

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tttttttatt	cattttttta	ttatacttta	agttctgggg	tacatgtgca	gaacgtgcag	180
gtttgttaca	taggtatact	cgtgccatgg	aggtttgctg	cacccatcaa	ccatcatcta	240
cattaggtat	ttctccta	gctctccttc	cccta			275

&lt;210&gt; 12038

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12038

aagtccagc	agtctggtgt	tcagtgtgga	cggtggcctg	ttggctcaca	caggcagagg	60
gggttaaaag	atcaagtggc	atnrgcagcc	ttttggggaa	aattggtgcc	aagaagcaga	120
aaatgagcac	ccttgagaag	tccaaactgg	actgggagag	cttcaaggag	gaagagggga	180
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tcctcgaccg	agtggatcac	aggcagtttg	aaattgagcg	agatctcagg	ctgagcaaaa	300
tgaaaccttg	atgttacg					318

&lt;210&gt; 12039

&lt;211&gt; 359

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12039

atgccccgcc	ccctcnccag	ccccagacac	ggacccccga	ggagatgggt	gcccccatcc	60
gcacactgtc	ctttggccac	cggacatcat	gcctcccaag	aaggatgttc	ccgtgaagaa	120
accagcaggg	ccctccatct	ccaaacctgc	tgcynaagcc	agcagcagca	ggggctcctc	180
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&lt;210&gt; 12040

&lt;211&gt; 207

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12040

gcattctcagt	tactcagagg	gtaaaatgga	accaaataat	cacctctaca	ccctaactga	60
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gttttagcttc	tattctataa	attctggata	gaaatttgaa	aatgaaaggt	cacatcattt	180
tggctacttc	tttgtcaaga	gcacccc				207

&lt;210&gt; 12041

&lt;211&gt; 431

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12041

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cagagccaca	tggacggagc	tgcggggcg	gcggcgccgg	gagcaggatg	cggccgcccc	180
taattaaata	gcatttactc	ttattattac	taataataat	aacgtaatca	tacctctagt	240
catagcatat	catttatcgg	gctcggcgca	ggcccgcggg	gagcgcaccc	ggcggagaga	300

ctgatggaga	ggcagaaacg	gaaggcggac	atcgagaaag	ggctgcagtt	cattcagtcg	360
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<210> 12042  
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gctggcccc	ctaattatcc	attttctgat	gaatattaac	atggagggca	ttgcatgagg	180
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gac						423

<210> 12043  
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 <212> DNA  
 <213> Homo sapiens

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acagtcatag	cagtacccca	gatgga				146

<210> 12044  
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 <212> DNA  
 <213> Homo sapiens

<400> 12044						
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ataccacaa	actatctact	tttcctgcat	ctttttttcc	cctctttggt	catcttggat	240
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ttc						303

<210> 12045  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

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383

<210> 12046

<211> 409

<212> DNA

<213> Homo sapiens

<400> 12046

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cctccctgcc	tgattctcct	gcctcagcct	gccgagtgcc	tgcgatcgca	gggcgcgcgc	360
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<210> 12047

<211> 125

<212> DNA

<213> Homo sapiens

<400> 12047

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taccc						125

<210> 12048

<211> 235

<212> DNA

<213> Homo sapiens

<400> 12048

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tgccttctaa	agtctgcaac	ttcaagaaaa	aaaatcgaca	ctgtggattg	actttcccgg	180
tcactatata	aagcaaataa	acttaaaaca	ctttgtaacc	atgtatttac	tctgc	235

<210> 12049

<211> 415

<212> DNA

<213> Homo sapiens

<400> 12049

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gagagcctca	acgtggacgt	ggtcaagtac	gagagtggcc	ctgacggagg	ggaggaagtg	180
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<210> 12050

<211> 290

<212> DNA

004220" 055T560

<213> Homo sapiens

<400> 12050

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tcaacctccc	ccactcaagc	gatcctcctg	cctcagcctc	tggagtagct	gggactacag	240
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<210> 12051

<211> 302

<212> DNA

<213> Homo sapiens

<400> 12051

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acatctgaga	ctcagggcta	agcaccttgc	ccaaggccac	acaacaagta	ggtgatggag	180
wgtgttggcg	tgtacggatt	ctgtgggtgt	aaagcaaaga	acaaaatgaa	gtgtgattca	240
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<210> 12052

<211> 330

<212> DNA

<213> Homo sapiens

<400> 12052

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gactcagact	tcctggcttt	aatgactggg	aaaatgaatc	ctcagtcggc	cttctttcaa	300
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<210> 12053

<211> 199

<212> DNA

<213> Homo sapiens

<400> 12053

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tcaaattgaa	gctgttccaa	ccagctctgc	aagtgatgga	tttaaggcaa	atcatatagt	180
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<210> 12054

<211> 256

<212> DNA

<213> Homo sapiens

<400> 12054

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tctctactaa	aaatacaaaa	cttagctggg	catggtggca	tgcgcctgta	gtcccagcta	180
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<210> 12055  
 <211> 419  
 <212> DNA  
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<400> 12055						
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cctatgaaaa	tgacaaatga	gcaacgcac	cggatgacgg	ttccctgtct	ctgaaagacc	360
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<210> 12056  
 <211> 445  
 <212> DNA  
 <213> Homo sapiens

<400> 12056						
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tcgcgtgggtg	ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	420
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<210> 12057  
 <211> 99  
 <212> DNA  
 <213> Homo sapiens

<400> 12057						
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<210> 12058  
 <211> 173  
 <212> DNA  
 <213> Homo sapiens

<400> 12058						
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ctcatggcca	atcttatttc	atctatacat	ctactcattt	ctactaaatt	atctttgatg	120
caaatttcaa	gcacatata	atcttatcta	taaatatttc	agtatgtaca	tgc	173

<210> 12059  
 <211> 339

<212> DNA  
<213> Homo sapiens

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gttttgtttc gttttgtttt taagagatga gtcttgaagg cagagtttag taattaagtt 240  
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catggagaga aaaagtctac acgaaaaagt gaacaattt 339

<210> 12060  
<211> 664  
<212> DNA  
<213> Homo sapiens

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rkttacagtt tcataccaac tatctaaaac ctaattgcaa attgaccaca gacctctaac 180  
ctctactttt tatagacttg aatacttaag taattttaat taggggtggg atttcatttt 240  
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gatccatata actgtttggg gcatcagtgc ttttcaaagg ggctgcttac tatagggtta 480  
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tgcc 664

<210> 12061  
<211> 81  
<212> DNA  
<213> Homo sapiens

<400> 12061  
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agaaaatgac catccaaagc c 81

<210> 12062  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 12062  
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gcccagccca ctcaaggata tgcacagacc acccaggcat atgggcaaca aagctatgga 180  
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cagaccgcct atgcaacttc ttatggacag cctcccactg tagaaggagc cagtacaggt 300  
tatactactc caactgcccc ccanncatat agccagcctg tccaggggta wggcactggg 360  
gcttaatgat accaccactg ctacagtcnn nac 393

<210> 12063

<211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 12063  
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 cccgagtagc tgggattaca ggtgggtgact tccaagagtg actccgtcgg aggaaaatga 300  
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<210> 12064  
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 <212> DNA  
 <213> Homo sapiens

<400> 12064  
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<210> 12065  
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 <212> DNA  
 <213> Homo sapiens

<400> 12065  
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 gggggactag cagcgaatat actttacacc aaatctcaga agattcagaa cttagatgag 180  
 tggggcccag gacaggaacc ctggagcctt ggaaggaggg gagccccatc tccccagaag 240  
 agcagtgacc ccagcagaga ggggcctggt gtatcactgg aggaaatagc ctgccankga 300  
 atacacgtct tcagaagaaa ttctgtgtgg cttcaagaga ctgatcaaat tgtgagaggn 360  
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<210> 12066  
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 <212> DNA  
 <213> Homo sapiens

<400> 12066  
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 gcactggctg atacctcttg gagatatgat ctgaaatgta atggaattta ttaaattggtg 240  
 tttagtaaag taggggttaa ggacttgta aagamcccca ctatctctga gaccctatag 300  
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<210> 12067  
 <211> 449  
 <212> DNA  
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<400> 12067  
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 tgatatctaa gacaacaaaa agtgtgattt tgaatacctg cttagggagt ctgccaatga 360  
 aaataaccaa nygcagaact agtggtttaa acttaagggc acttttatta ttttagaaaa 420  
 tgcttacttc cagttacaat gtaatccag 449

<210> 12068  
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 <212> DNA  
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<400> 12068  
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<210> 12069  
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 <212> DNA  
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<400> 12069  
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 gcccggtggcg aggcgaggtc cggggagcga gcgagcaagc aaggcggga 169

<210> 12070  
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 <212> DNA  
 <213> Homo sapiens

<400> 12070  
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 ttttacttgg agttaatggg gatgccactg g 151

<210> 12071  
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 <212> DNA  
 <213> Homo sapiens

<400> 12071  
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 agatgttaca tctactgttt aagggcagag 150

<210> 12072  
 <211> 360

<212> DNA  
<213> Homo sapiens

<400> 12072  
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 aaattaaatt ctggagtggg ttatcgaggg gtcttggtt gcctggaggg ctacatgaat 240  
 atagccctgg agcagacaga agaatatgta aatggacaac tgaagaataa gtatggggat 300  
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<210> 12073  
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<212> DNA  
<213> Homo sapiens

<400> 12073  
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 aagaagattc ctctgaacca ggaagaactg tgtcttcggg gatgctgaca catatgataa 180  
 aatgatcatt tattttggat cctaataaat aaagagtgc ag 222

<210> 12074  
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<212> DNA  
<213> Homo sapiens

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 aaaaaagggtg actgaatgac atcggattaa ctttgtttct gcagagctgt tctggaggaa 180  
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<210> 12075  
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<212> DNA  
<213> Homo sapiens

<400> 12075  
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<210> 12076  
<211> 396  
<212> DNA  
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<210> 12078  
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 <212> DNA  
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<210> 12079  
 <211> 75  
 <212> DNA  
 <213> Homo sapiens

<400> 12079  
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<210> 12080  
 <211> 171  
 <212> DNA  
 <213> Homo sapiens

<400> 12080  
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 actacacgat aattatgacc aaaatgccaa ttaatgtgtt aatatatgac c 171

<210> 12081  
 <211> 232  
 <212> DNA  
 <213> Homo sapiens

<400> 12081  
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 ttaaagtcca tgatgtccct tttgcctgtg atggctgtct gatctgagaa cagggcggtg 180  
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<210> 12082  
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 <212> DNA  
 <213> Homo sapiens

<400> 12082  
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 gactcagagg gcaggtcctg taagcccgaa acctcaggac cccccagga agacaagagc 180  
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<210> 12083  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 12083  
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<210> 12084  
 <211> 221  
 <212> DNA  
 <213> Homo sapiens

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<210> 12085  
 <211> 213  
 <212> DNA  
 <213> Homo sapiens

<400> 12085

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taaaattaac	cattgagtgt	caaagttcta	aaagcagaac	tcattttgtg	caatgaacat	180
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<210> 12086  
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 <212> DNA  
 <213> Homo sapiens

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<210> 12087  
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 <212> DNA  
 <213> Homo sapiens

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gccacaatga	aggaaataag gaataaaatt gaagg 335

<210> 12088  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

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caccnscca	ccccacgacc ttggcccag cncctccgtg aggaacacaa tctcaatcgt 300
tgctgaatcc	tttcatatcc taataggaat taacctccaa ataaaacatg actggtacgt 360
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<210> 12089  
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agccagggtc	cagggtccag agccacactg ggaragaagg aagctgcgga ctggcctgcc 180
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ggcatctggg gcacgcgctt ctgggcctgg gaatgcgccg ccttggggcca ctgttcctct 360  
 ttccgctaag aaatagccgc kkcctctcc cgtgcgacc cagttgcttt gcgsgtgaat 420  
 gttaggcgca gnkttgccct tttttcccaa ggcttaagct cagatgaagc tccaggaggg 480  
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 gttttgttta taagtgaatg tatgtaaatg ataccaattt ttggcca 167

<210> 12091  
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 <212> DNA  
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<400> 12091  
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 attac 125

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 <212> DNA  
 <213> Homo sapiens

<400> 12092  
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 gttattncta aatttttgag gtgctttgct atttcttgtg tgacctgata gctccctgga 180  
 actttgggtc tgtgtgtgac acatgagact cacagttgga gttctccagc tctggagggtg 240  
 ctgaaggagc tgcattaatt ctggaagacg actccatgca gcaactactg aagaaaggac 300  
 cagacttcs wkggggagtg tggatgggcc gacctggctg ggactcgtga atctggagaa 360  
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 aggaggagag atgt 434

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 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<400> 12093  
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 actacatcct tagttttcag tctacttgac tctatcagga gctttttaag gaaagtaagt 180  
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<210> 12094  
 <211> 490

<212> DNA  
<213> Homo sapiens

<400> 12094  
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attgagctga ttgccatcgc aacaggaggg cggatcgtcc ccaggttctc agagctcaca 180  
gccgagaagc tgggctttgc tggctcttgta caggagatct catttgggac aactaaggat 240  
aaaatgctgg tcatcgagca gtgtaagaac tccagagctg taaccatttt tattagagga 300  
ggaaataaga tgatcattga ggaggcgaaa cgatcccttc acgatgcttt gtgtgtcatc 360  
cggaacctca tccgcgataa tcgtgtgggtg tatggaggag gggctgctga gatatcctgw 420  
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gacgcactgg 490

<210> 12095  
<211> 420  
<212> DNA  
<213> Homo sapiens

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tttagactta ggtgggtagc aatgccagta aacttaaatt acgtaacttc ttgcaaccac 180  
gaaacctgta atacgctgta cagtaacaag tggtggcatn atcagttgaa ctgtaaatac 240  
aaaatgcttc ttccaattag tctctatgat gattaagttt ctaaaattta tctgaacacc 300  
attcagaaac ttgttktggg gaatttgata gttattgatg tgcattctgt aaactgatga 360  
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<210> 12096  
<211> 227  
<212> DNA  
<213> Homo sapiens

<400> 12096  
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gtattgtccc catttcataa gggctctcag tacaactctt tatataactt tgtaacaggg 180  
actttaacct attgaatttg tcactacata cttgccagaa tgaggkw 227

<210> 12097  
<211> 147  
<212> DNA  
<213> Homo sapiens

<400> 12097  
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ctcattgtat tagagaatca agtcagc 147

<210> 12098  
<211> 212  
<212> DNA  
<213> Homo sapiens

<400> 12098

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ggcgcgggaa	tgcgttcgtt	gctcagtgtc	ggacttcccc	ctattcccat	cggccgagggc	120
tgtcacttta	cgctcataac	cgtttttctt	tactgcactc	gtgtcgggag	gaaagggact	180
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<210> 12099

<211> 444

<212> DNA

<213> Homo sapiens

<400> 12099

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aagccccag	gctccgctct	tgccagaggg	acaggagcca	tggctcagaa	aatggactgt	180
gggtgcgggc	tctcggctt	ccaggctgag	gcctccgtag	aagacagcgc	cttgcttatg	240
cagaccttga	tggaggccat	ccagatctca	gaggctccac	ctactaacca	ggccaccgca	300
gctgctagtc	cccagagttc	acagcccca	actgccaatg	agatggctga	cattcagggt	360
tcagcagctg	ccgctagcta	agtcagcctt	taaagtccag	aatgccacca	caaaaggcca	420
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<210> 12100

<211> 120

<212> DNA

<213> Homo sapiens

<400> 12100

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gattgcagcg	acttcataaa	tgaaataatt	catgtgaaac	tattttgtaa	catgtaatgc	120

<210> 12101

<211> 85

<212> DNA

<213> Homo sapiens

<400> 12101

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agaagtgtgtg	ggtatttttt	ttttt				85

<210> 12102

<211> 242

<212> DNA

<213> Homo sapiens

<400> 12102

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caagagtatt	tggtggctag	tttcttaaaa	ggccaagaga	aaaaaaatga	tatatctttg	120
gaaaactttt	aatttgggag	ttatgtgagt	tgtctttctc	ctggatcacg	attcacattt	180
aattgctttt	ccagttgcaa	caagtccttc	ttgagagttt	tgtggaaaat	ggtgcttccc	240
tg						242

<210> 12103

<211> 205

<212> DNA



<213> Homo sapiens

<400> 12103

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actaaatcct	tgaaatgcag	cgtggcgtga	aaatggagcg	gcattttagt	taacgagggg	120
ctggatgcc	ttcacaggaa	tgcagtttct	acagggttct	gctttgcaga	gacctctcct	180
gataataata	ataaatttac	tcaga				205

<210> 12104

<211> 564

<212> DNA

<213> Homo sapiens

<400> 12104

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gaaccacgct	gtcttcccc	atctgaccgt	ggtgcttttg	gccattggca	tggtcttcac	180
cgcctgnntc	ttcgtgtatc	ctttcactga	gcagccagag	gaccagcatt	agtgatgtgg	240
gaagctcagg	gagaaaccac	gctagattgc	cgtgggctgg	gctctctgca	ctccacagtc	300
caccccttcg	ctttgcctta	actgctgtgc	ccagttacga	ggcacctct	accaagtaca	360
ctcgtgatat	ctataaagag	ctcctcatct	ccttagtggc	ctcactcttc	atgggctttg	420
gagtcctctt	cctgctgctc	tgggttgcca	tctacgtgtg	agcacccaag	ggtaacaacc	480
agatggcttc	actgaaacct	gcttttgtaa	attacttttt	tttactgttg	ctggaagtgt	540
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<210> 12105

<211> 203

<212> DNA

<213> Homo sapiens

<400> 12105

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tcccccttg	gacctagaca	aattattata	gagagcctca	gcttccccat	cagcaaatg	120
gaggtagagt	ctcgtgacac	cttcccgggtg	gttgggaaat	gctttgagtt	cctgcaaaca	180
gaggtatatg	atagtataat	tac				203

<210> 12106

<211> 350

<212> DNA

<213> Homo sapiens

<400> 12106

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ttctacctgt	gcggccctca	acgtctcctt	ggtgcgggac	ccgcttcact	ttcggtctcc	120
ggagtctccc	tccanntgct	cagacctctg	gacctgacag	gagacgccta	cttggctctg	180
acgcggcgcc	ccagcccggc	tgtgtccccg	gcgccccgga	ccaccctccc	tgccggcttt	240
gggtgcgttg	tgggtccccg	aggattcgcg	agatttggtg	aaagacattc	aagattacga	300
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<210> 12107

<211> 284

<212> DNA

<213> Homo sapiens

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aacactgcca ttcacaagtc aaggaaccca gggccagctg gaagtgtgga gcacacatgc 120  
tgtggagcac acatgctgtg gagattgcag tgtgtctgag gtttgtgtag tagtggaaga 180  
ttttaggtat gtagagcaag ttgaaaatgg attgagactg catggtggca taaatgagaa 240  
attgcctgta gcatctagtc tacttgaagg aagtggagac ataa 284

<210> 12108  
<211> 303  
<212> DNA  
<213> Homo sapiens

<400> 12108  
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aaaacgaaag gagaatgata cagatacact ggctgaggtg ttttgaggtg catcgaagtg 180  
ttccaagctg tgacttacct taacatgttc ttgaagtacc atggcgtgga ttaaaaggaa 240  
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aga 303

<210> 12109  
<211> 308  
<212> DNA  
<213> Homo sapiens

<400> 12109  
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caagaccctg cttgtgaagc gtctcctggc tcagaccagt gctagaagtg tccagtctag 180  
cagctcctgg accaagactc cgtggccatt cccttccctc tgccttccat ccacccctt 240  
acgatacaga agttgagata cagagaggtg aaggaacttg tcccaggccc tacagctaata 300  
caaaaaaa 308

<210> 12110  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 12110  
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ggctattaga gtaactgtat aatggttttg cctgcacttt ctctatgtat atacaaatgt 120  
acatgtataa atataaaaaa taagtgatca tgggtcttgg taacctgtcc caagtgtgtg 180  
gattcacacg cctgacacta aaaggttctt cctagtccag tcagccagct gtgaccacca 240  
gcagcacagc tgagtgtgga gaatctggct ggaaagagaa acgtggctca agtgctggct 300  
caccttctag ctgtgtggcc ctgggcaggt tactgaggct cttccaacct cacttttcac 360  
atgtaaaatg gcatttctaa aagtacct 388

<210> 12111  
<211> 379  
<212> DNA  
<213> Homo sapiens

<400> 12111  
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ttggggcttt	cttgtaaacc	acagattgaa	gaatgtgggt	atcatgttaa	acatgcaaga	120
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atcttgtctc	gccgccagc	ctggagtgc	gtggcaccat	ctcagctcaa	tgcaacctcc	240
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<210> 12112  
 <211> 474  
 <212> DNA  
 <213> Homo sapiens

<400> 12112	
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ggttctgagc	cggagtgggtc ggtgggtggg atggaggcga ccttggagca gcacttggaa 120
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tcttgatgct	catactgtgt cttcagcagc ctgtcatagg aactggatcc tacctatggt 420
aattacctta	tagaactact aaagtccag tagtagggcc attcatttaa tgtg 474

<210> 12113  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 12113	
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gacacgtgag	tagtgcgcg cttctcgcc tgtcctgagg tcgcacgga ggaacttgag 180
cggaaacgaaa	agcgcgagct gcgagtaccg gccagggcgw mwmggggacg tcgcgcgacc 240
cccg	

<210> 12114  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 12114	
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gaaaatggcg	actcccgtc gtgccccgga gtcaccgcg tccgcggatc cggcgctagt 120
agcggggcct	gccgaggaag ccgagtgcc

<210> 12115  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

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ggaccccgct	gagaggaact gcttttgagt gagatggctc cagaggcctg gaggagcgga 180
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ggctcccaaa atggcgatga caccggcacc tggcccaaca accagtttga cacakagatg 300  
ctgcaaccat gatcttggcg tccgcca 327

<210> 12116  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 12116  
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cccagcgccc aagcgctaac ccgctgaaag tttctcagcg aaatctcagg gacgatctgg 120  
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gaaggggagc gattgcgggtg aggggaggas tggaaacctc gggcctgagg tgctgaggat 240  
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tgccctgggag gggccggaat cctgacaggc gg 332

<210> 12117  
<211> 466  
<212> DNA  
<213> Homo sapiens

<400> 12117  
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cccggagaga aaaagggttcc gcttcaattc agagtcggag tccggctctg aagcctccag 360  
cccagactac tttggacccc cagcaaagaa tgggntggca gcagaagtca gccagccaa 420  
agaggagaat ccaaggcgag cctcaaaggc agttgaggag agcagt 466

<210> 12118  
<211> 148  
<212> DNA  
<213> Homo sapiens

<400> 12118  
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gagcgatct tgcaggagat cgagagcacc gacaccgcct gtgtggggcc caccctccgg 120  
tctgtgatg atgaccaacc aaatgcgc 148

<210> 12119  
<211> 383  
<212> DNA  
<213> Homo sapiens

<400> 12119  
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gatctcactg gcatcgaatc tatggatcag tgcgccata ccttgawsa gcataaactg 180  
gaacatagag mgacaaggtc tcgtwtcatt tgccctggct ggtctcgaaa tttctggtct 240  
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camcgcgct gammctgagg ctayacatt gagcaacttt tcagagagaw ggagcttggg 360  
tcagaccgaa gtttctctgc atg 383

<210> 12120  
<211> 481  
<212> DNA  
<213> Homo sapiens

<400> 12120  
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gcggcgccctg asgagcggga tctrrcccag gaggagacac agaagctgct gcagtttcag 120  
gatctcactg gcatcgaatc tatggatcag tgcgccata ccttggaaaca gcataactgg 180  
aacatagaga tggagtcttg gtttggttgcc caggctggag tgcagtggcc tgatcatagc 240  
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tcagactaca ggctgctgta caggacagat tgaatgagca agagggcgta cctagtgttt 360  
tcaaccacc tccatcacga ccctgcagg ttaatacagc tgaccacagg atctacagct 420  
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<210> 12121  
<211> 446  
<212> DNA  
<213> Homo sapiens

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acctccacta gacatcaagg aaacatgcca aaaaagtaaa caacaaaggc cccacacct 180  
ttccaaacta caacccaaaa taagttgatc tgagaaacaa attgcaatgc cgcattgcaa 240  
gcagatgtgt ccaaattcat gtaggaccag acacatcctg aacctttcag tgcaacagct 300  
gttcaagact ttcttcaaaa tcatccaagc acaagggttg ataaaaata cacaacatgg 360  
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ggctccaggc cagcctcaat ggaata 446

<210> 12122  
<211> 243  
<212> DNA  
<213> Homo sapiens

<400> 12122  
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tgataaggat tgcattaata tttaatagtg cttgcttttc ctctgggcac accattttga 120  
tcattaacca gagtacctct actcttagca aactctagtt tatgacaagt atttaaaata 180  
tttaaaacaa gcttatgcag ttcttaagga cgaaggtaaa tgagatgtaa cttaaaaata 240  
gta 243

<210> 12123  
<211> 365  
<212> DNA  
<213> Homo sapiens

<400> 12123  
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ggaacaatgg gaaggagaca aaatggctgc ctttacagct gcagcaagat gtggaaacac 300  
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 aaacctgat ttgtgtgact ttaccattga ccaccagtmt tgctctcggg tccatgctgc 240  
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 acccccattc atgtacaaca tgtgaaatat aaaaatctca tttcttgtca aaatcagcac 180  
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 <212> DNA  
 <213> Homo sapiens

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 gggacagcga caccgagggg gaggacattt tcaccggcgc cgcggtgggtc agtaaaccatc 240  
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 ccttggacag 370

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 <212> DNA  
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 <212> DNA

<213> Homo sapiens

<400> 12128

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atatggtttt	gtgcttctaa	ctggtgctgc	cagctttata	atggtggccc	acctagccat	180
caattgaact	gacacttttt	ggggggtcta	aagaatcaat	tcaaaatcta	ttcattaaaa	240
aaaaaccctc	atttcttcta	gttttatcat	aaaactaaga	taatcagtcc	atgcaaactg	300
tgatatgata	tgaacaaaa	caaaccacca	ccactaaaaa	acccgcagtt	caagacatgc	360
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<210> 12129

<211> 255

<212> DNA

<213> Homo sapiens

<400> 12129

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tctttgtctg	tgacaagccc	gagagcatga	aggaattccg	cctggatggg	gtttccagcc	180
atgcgctgtc	agacagctcc	accgagttca	tgcaccagat	tattgaccag	gtcctgcaag	240
ggggcccagg	taaga					255

<210> 12130

<211> 404

<212> DNA

<213> Homo sapiens

<400> 12130

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cccgcgaaca	gcctttcacg	agtcttcaag	ctttcaggct	atcttctagt	caagatgagt	120
gataagccag	acttgctcga	agtggagaag	tttgacaggt	caaaactgaa	gaaaactaat	180
actgaagaaa	aaaatactct	tccctcaaag	gaaactatcc	agcaagagaa	agagtgtgtt	240
caaacatcat	aaaatgggga	tcgcctccca	acagcagatt	tcgacattac	ctgagagtct	300
tgatttttagg	cttggttttt	gtaaacccat	gtgtttgtag	agatttttagg	cgtcttcgga	360
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<210> 12131

<211> 284

<212> DNA

<213> Homo sapiens

<400> 12131

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tttagatcaa	aatgggtttt	taagtagaac	ctagggtttc	taattgactt	gattttctgga	180
aatgaaaacc	cgmgtcttta	ttatgggaag	cttcttgaac	tgcatttact	attgtgaagt	240
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<212> DNA

<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 12133  
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 tgatggaatt ttgaagtaaa tgtgttttta tccatcagtt tctgagtaac aaagagcacc 300  
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 <212> DNA  
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 agtaactggc agatcctcct gtctggagggt accaccttct attctggttt ctgacttttc 180  
 cttcttgatg accatagatg tgttccagag gcaaaagaga cacattatcc cagatggcag 240  
 aacatgcttt caaaacatat aaaatgtcaa agttccagat ccttctacat ctttagtcct 300  
 gtctgaggat ggtagctggc tctctgtagc tgatagatgg ctagagttcc atccaaatcc 360  
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 <212> DNA  
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 cacagaggac aaaggaagtt gaaggaagat tttttaaaaa tcaaaattat ttttagataa 180  
 ttgattatga gcattagtaa ggaacttgca aaggtctggg gactgttata acacttgttc 240  
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<210> 12136  
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 <212> DNA  
 <213> Homo sapiens

<400> 12136  
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 gtccccgcgt ccggtctgtg gtgcagccgg gaccaggac catgtctctg tctcgctcag 120



aggagatgca ccggctcacg gaaaatgtct ataagacat catggagcag ttcaactcta 180  
gcctccggaa cttcatcgcc atgg 204

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<213> Homo sapiens

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cagtatgcta ttattttcag ttttcagtat tattgttgag aaggccactt ttacctgcct 180  
tgacctccaa gcctctgcat tttcgy 207

<210> 12138  
<211> 470  
<212> DNA  
<213> Homo sapiens

<400> 12138  
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agattcaaac aaatagcagc gaacagggaa tgacagttcc accagaagac gattaagcca 180  
cagcctctaa ttggawcggc atttgtacag tcagagactc ttaccagaca tctccaggaa 240  
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ggtaggtatt ggtagaaaca ggagtcctca gagaagcccy aagatgcagc ctgagggagc 360  
agaaaaggga aaaagcttca agcagagact ggtcttgaag agcagcttag cgaaaganac 420  
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<212> DNA  
<213> Homo sapiens

<400> 12139  
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tgatgattgg aaagattaaa tgttatttca tataaagtga acagaacagt acctgaaaca 180  
taacagttaa tagtcaata aatgttagca attataggat cacagtccac cattcaaact 240  
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gtgtagcctt ccaatagagt ccagtgaat atccccct 338

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<211> 275  
<212> DNA  
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atcctgggtg caggcacctg tgcacccac aggccttgag cctgtgcaat tatttcgaga 180  
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<212> DNA  
<213> Homo sapiens

<400> 12141  
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agttccattg ttaagaagtt ctgtttgttt ggcaactgct ttaaaccgga tagaacaaga 180  
tcagaagtgg cagtctataa ctgaaaatgt ggtaaagtac ttgaagcaaa catcccgcgcat 240  
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<213> Homo sapiens

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tgcaacatct aaacttaaca acaacc 86

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<212> DNA  
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tttctccccct 190

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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ttttgtatgt gctgcttaac ctcaatatta cagccacaaa caaggggtac caagacaaag 240
tataactgag cataagcaga aaatgttaac cctccagggt tctttcttaa gcacaataaa 300
agtggt 305

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&lt;210&gt; 12146

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12146

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atagttatcc tccactgtgc t 441

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&lt;210&gt; 12147

&lt;211&gt; 398

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12147

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caatcaaagg caaccagaaa aaaaaaaggc aaataaatga attagggaca taattattty 180
ctgttataaa taatcaggat cttttcaagt ttaattatgg ggagttgttg aataggctag 240
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ttacttrncg ataataaaat cacaaatact tcttgagctc ttgctgtagg ccaagtgtctg 360
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&lt;210&gt; 12148

&lt;211&gt; 181

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12148

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ccttgaggct ggagcaattc ttattcacat ctagtcctca acacagtagg cacaaagtgt 60
tgatagtatg tggatagaaa ggaatagaaa gaatgattgg taaagtattt atgggtaaaag 120
aaatgagtca acatttctct caaatgcctt gaaaatgtta ttatgatttg cattcacaga 180
g 181

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&lt;210&gt; 12149

&lt;211&gt; 150

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <211> 170  
 <212> DNA  
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 <211> 63  
 <212> DNA  
 <213> Homo sapiens

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<210> 12152  
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 <212> DNA  
 <213> Homo sapiens

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 aactgaagaa tcacaaaaga agtgaatatg ccttgc 156

<210> 12153  
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 <212> DNA  
 <213> Homo sapiens

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 tgtttctgtg gcag 74

<210> 12154  
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 <212> DNA  
 <213> Homo sapiens

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 gaagttgaga cagcaggtaa gcaaaggacc tagttcatgt aaacatggac atcatgatgg 240  
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<210> 12155  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

<400> 12155  
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 tagtggtgca taaatggtgg aggctgcggc tcccc 155

<210> 12156  
 <211> 87  
 <212> DNA  
 <213> Homo sapiens

<400> 12156  
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 tttatttttct tttataaatt aagaggg 87

<210> 12157  
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 <212> DNA  
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 <212> DNA  
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 agagcagagg agcakgtgtt ttaamccag 149

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 <212> DNA  
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 aagagcggaa agtgaagagg aggagtccta agtcttttag tgccactgt actcaggttg 240  
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 <212> DNA  
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<400> 12163  
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 gagtacagtg tgaaggccca gagaagtacc ctgtgaggtc acaaccgcca ctgaggggat 180  
 gacaggcttg agccaccgcc catggtctca tttgttttct tttctttctt tctttctttt 240  
 ttttt 245

<210> 12164  
 <211> 379  
 <212> DNA

<213> Homo sapiens

<400> 12164

tgtaaatggt	gctgttggtc	taagctctgt	taatgttaag	cattctttgt	atataaaatt	60
acaataaaat	gttaaaactg	gttgcttggt	ttgtggatga	atgtaaagac	aaaccccaat	120
gaatggctga	tatgagtgtc	aaatgcctga	agattcaact	taactagaaa	tcactccctt	180
agaccctgct	tacatctaga	ccttgatat	catacctcaa	agatgaaatt	cataaaactt	240
atctgaagag	tttaatttaa	aattataatg	ctcaatgcac	atcttttgca	cttgagttga	300
aactaacatc	actacctaaa	gagccttcta	cttcwatatc	tgctgcataa	tacgttcagt	360
mattctaccc	ccatcccta					379

<210> 12165

<211> 125

<212> DNA

<213> Homo sapiens

<400> 12165

aacttagata	cactagtttg	tttaaaatta	tagatttact	gtacatgact	tgtaatatat	60
tataatttgt	atttgtaaag	agatgggtcta	tattttgtaa	ttactgtatt	gtatttgaac	120
tcgag						125

<210> 12166

<211> 185

<212> DNA

<213> Homo sapiens

<400> 12166

tgaaacgaat	gccaaaggcaa	cctaaaatta	taggaattca	ctacacaaat	aaaccacatt	60
gcagatagaa	atattttgga	tattgtgagc	caggtttctc	attattgaag	aagagagtta	120
caagtgtaga	aagtgggaag	gcagctgggt	gcaatgggtc	acacctgtaa	tcccagcact	180
ttggg						185

<210> 12167

<211> 382

<212> DNA

<213> Homo sapiens

<400> 12167

tagtatatgg	ctgtagttta	gcttttttagg	taaaaggat	gtttcattag	tgcatttctt	60
cctgctgac	actgtaaaca	tgtgaatcag	ctttccattt	cttatgcagg	tcattgataac	120
ttgtagagta	gagtacaatc	atttgtgcta	tgtttttaat	tttctaaagc	accttgatga	180
cagtgagtgt	ccagtgggtga	agcatcctct	attgaaccrc	cctcaaaaat	ttttttgcc	240
agtcctaagt	tgatagctta	aagtaaaaag	tgaaaattat	agtttcatta	ggacttggtg	300
taaagaaatc	ccctcccccc	ttccccaaag	ggatactgca	gttatatcac	ataccaata	360
ggcaccacga	tgmagatcag	ag				382

<210> 12168

<211> 660

<212> DNA

<213> Homo sapiens

<400> 12168

cactattaaa	agagtattaa	tttaaccaga	gacttccaaa	gcaatacaga	aacttacatg	60
gatataaaaa	ccctaaccct	tttaaagggtc	agatttgcta	agtgatcaaa	aggggtactt	120

gaattgaatc	gacacaggaa	gagtgtgtac	agggttatga	gtgtaggcag	gtgggttactt	180
tggtcatatc	tccatttgcc	acctgattac	acatgagaat	ggcatcttta	ctcaccagaa	240
agccagtatt	ataggaggtg	taggagggcat	tcttggactt	gagacaagaa	cattgtttgtg	300
tagaaatttc	attgactgtg	ttaaaattat	tctccatggg	ctggragamc	amataacatg	360
gccttttagaa	tgagacgggc	attgakngga	tgcaaggctc	ccacacttac	tagctgtgtg	420
acattggaca	gagtgttca	tcattccgag	actcagtttt	taaaggaaaa	acaactaact	480
accttgcaag	cttgctagca	ggtttaagt	taataatgtg	tgggaatgac	tgcaccgtga	540
ctaacatgca	gtgacagctt	aattaaatgn	gaacccttat	cattatcata	taagaatgtg	600
rgttacatar	rgaggagtct	gtcagttcgt	tctctgtctg	gtccccaaga	ccatgaatca	660

<210> 12169

<211> 380

<212> DNA

<213> Homo sapiens

<400> 12169

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actgaagttg	ggctctaaga	atgaggggaa	agagcctggg	gaggagctta	aaactcaacc	120
actctggaat	ttacccatag	aagacgggaa	gaaagaggta	tgaagatggg	ctcaattatg	180
agccagggag	gattgaaact	aggtcctgcc	tttctgtatc	ttggggaaat	aagaccgatc	240
tcttgacccc	attgggaaca	cggaagtcta	ttccaggcca	accagcccaa	aattatttca	300
tcttgtattc	tttgtaaaat	tctccctcac	sccaccctgc	ttttaaaaaat	tctaattctat	360
cccctctaac	catagcnnc					380

<210> 12170

<211> 134

<212> DNA

<213> Homo sapiens

<400> 12170

ttcttctttc	attgaccctt	atcatatggt	tcctacactc	aaaattatct	cccctacctt	60
tattccatca	gttagagatt	caccgattca	tttaacagca	agcgctttct	ctcgtcacct	120
tcctcccgcc	accc					134

<210> 12171

<211> 248

<212> DNA

<213> Homo sapiens

<400> 12171

ttaggcagtt	tgtaagattc	ctcctaactt	tcacagtcga	tgacaagatt	gtctttttat	60
ctgatatttt	gaaggggtata	ttgctttgaa	gtaagtctca	ataaggcaat	atatttttagg	120
gcatctttct	tcttatctct	gacagtgttc	ttaaaattat	ttgaatatca	taagagcctt	180
gggtgtctgtc	ctaattcctt	tctcactcac	cgatgtctgaa	taccagttg	aatcaaactg	240
tcaaccta						248

<210> 12172

<211> 332

<212> DNA

<213> Homo sapiens

<400> 12172

cttttcctag	agagttaatt	cagttcgggtg	agttcagtga	gcagtatggg	ctgagagagc	60
cctcaaaatt	caacgtagca	ctggctctcc	cagcagcagg	cattgttcag	gtgagacaga	120



atggttgcc	gaggaagtag	tgtgctggg	aactgcaggg	attaagggtca	tcctcttcca	180
gattttcatt	aagtctgaaa	tgctctcctt	ggctccacaa	gagatcctct	tgctattcct	240
actgtggtgt	acggacagct	tatgggtttac	ttcttacagt	ttcctgtttc	agataagggg	300
aagcatggcc	aagatggttc	tgtgagtcag	gc			332

<210> 12173

<211> 236

<212> DNA

<213> Homo sapiens

<400> 12173

gaacattcga	ccagcttctc	agttgtagtt	tgtgtatggt	ctttataact	cacacttaga	60
gccatgggga	gaccataacc	gataagcagg	ccagcagttg	ctggctgcac	attgctgtca	120
ctgccgcggc	agtacagaaa	ccatctgctt	atactctgaa	taaaattcaa	gaaagcatag	180
attctacata	aacaggccca	agattacatg	gcaaactgag	atgaagagga	tgctgg	236

<210> 12174

<211> 445

<212> DNA

<213> Homo sapiens

<400> 12174

agatttgcca	tgagtgtctc	aatgaagacg	tgataatgtg	ggctctagtc	acaggggtcta	60
actcagacat	ggaaaaaagt	ccattttcatt	aatctttatc	ggcacttgaa	ttcctggcta	120
agggagaatg	tggaacattg	aaggactctc	tgggaaatagg	atggagttat	accagattag	180
ggggacttaa	atactgtggt	agctgggtgg	agaagggagg	actgagtgac	cccttgaacc	240
cctcctccct	gctacagtgg	gttaggcagt	gagcgggtaca	tcagcattac	tgccatggga	300
gtctggcgca	ttgccaaagga	ggtgtaaaagg	ggaaatgcaa	aggaattgaa	gtggtgtggg	360
caaagtgaat	gccagtgcct	gttaatatagg	ctagtgggtat	ctgtattttc	atgatcatgt	420
gtgtcacctg	tttgggggtg	gggca				445

<210> 12175

<211> 201

<212> DNA

<213> Homo sapiens

<400> 12175

gcaaaacaac	aaatcaggaa	aaaaaataat	ttttgcttca	gtcatacctta	tttatatggt	60
atgcaacaag	taatagattt	ttattaaaat	tcaattatca	tgaatgggta	taaaggagac	120
tttcattatg	aaaagctag	tttaatatct	gaatatctta	ggaagtttaa	gttcaaccag	180
ctaatagcaa	aaatggccaa	c				201

<210> 12176

<211> 346

<212> DNA

<213> Homo sapiens

<400> 12176

caatcctttt	agaaaacctt	tatactaagc	ctcctcttca	aaattcacag	tggcgattag	60
cggactggag	tctggtggcg	attagcggac	tggagtctgg	ggacatccgt	ggcaaagaca	120
ccagctcaac	tttagtgstt	nccsamcttt	atcttagaatg	acwtkggggtg	ggtgtctggt	180
gtgtgtgttt	tccttacgca	cctcccatag	ctattaacaa	ctgaggaagg	ccagtgcaga	240
atatttttgg	agaacgattt	ttttttttta	aataatatat	cattcctatg	gggggaaagc	300
cttttttttc	tttttggtctg	agttattccc	tcctccctcc	caatac		346

<210> 12177  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<400> 12177  
 ataagcccct ctcagcgctc tctctccatc tctccccctc ctttctctct cgtgctccc 60  
 ttcttccttg taactgaaca gtgaaaattc acattgtgga tccgctaaca ggcacagatg 120  
 tcatgtgaaa acgcacatgc tctgccatcc acaccgcctt tctttctttt ctttctgttt 180  
 ccttttttcc cccttggtcc ttctccccct tctttgtaac taacaaaacc accaccaact 240  
 cctcctcctg ctgctgcmct tcctcctcct cctcagtcga 280

<210> 12178  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<400> 12178  
 gacgccaggg ggcggggcca gcggcgcggg crggtgagag gccgcggcgg caggtccacc 60  
 tgggcttgcg aaggcacaga ttccccgtcc acagctcacg accagatgca ccagcaggag 120  
 tccacatcga ggacgtcctc cgggcactcc caccgaccag gaccaggagt taaactttgg 180  
 gatgtgcccg tgatgttgga ccacaaggac ttagaggccg aaatccaccc cttgaaaaat 240  
 gaagaaagaa aatcgca 257

<210> 12179  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 12179  
 gaattgctgt caaatgccca gcgtgttctt ggtggtgaca cagccacatt gtgtaaatac 60  
 atttcttaag tcatttgtgt gtatagcagc tggatttggg gacaagcatt tgggcacact 120  
 cgctacaaga ttggttagtg attatggatg atgaagtctg tcggaaaatt cagatcttga 180  
 ttgtccacct gggcttgcca aggcacagat tccccgtcca cagctcaacg aaccagatgc 240  
 accagcagga gtccacatcg aggacgtcct ccgggcactc ccacgaccag tgaccaggag 300  
 ttaaactttg ggatgtgccc gtgatgttg accacaagga cttagaggcc gaaatccac 359

<210> 12180  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 12180  
 gtgacttcgg cctccggggc gctggcgggc ggggcggggg ctgtagttag cggcgagagt 60  
 gacaggagga caggggttgt ttccggcagt acgcctgggg agtgacgcaa ttgcaccctt 120  
 gtgcagtgat gtcacggcag gtgcggccag cgttccgagt cgaggacagt tggcgacact 180  
 gaaaattcag cgtctccggg agtctctctc tttgtagtct ttgcccaggg ccttgccagg 240  
 caaagggtag cccgacgacc agcagcctcc gctacttctg ggcgctcgct agaaatacag 300  
 attctcgggc cccaccccca cctacttggt cggatatctg gatctgt 347

<210> 12181  
 <211> 167  
 <212> DNA

<213> Homo sapiens

<400> 12181

cgaattgttg	attctgttta	aatgaccaat	actttttgaa	attgatgtac	ttagtttcaa	60
gattcataga	ttctgttatc	tatgtagaca	gaatgggtcat	gtatatatttc	tatnagttga	120
gtttttacat	cttttagaaat	gtaaaattca	gtatagtttg	aaagcgg		167

<210> 12182

<211> 505

<212> DNA

<213> Homo sapiens

<400> 12182

agcggggcggc	cggccggaca	gactgacgtg	tgagctgcat	cgcgaggaggc	gcatggcggg	60
gatggcgctg	gcgcgggcct	ggaagcagat	gtcctgggtc	tactaccagt	acctgctggt	120
cacggcgctc	tacatgctgg	agccctggga	gcggacgggtg	ttcaattcca	tgctgggttc	180
cattgtgggg	atggcactat	acacaggata	cgtcttcctg	ccccagcaca	tcatggcgat	240
attgcaactac	tttgaaatcg	tacaatgacc	aagatgcgac	caggatcaga	ggttccttgg	300
ggaagaccca	ccctacgaag	ttggaatgag	accatcagat	gtgataagaa	actcttctag	360
atgtcaacat	aaccaacctt	ataaagacta	aaattcatga	gtagaacagg	aaaatcatcc	420
tgactcatgt	gttgtgttct	ttatttttaa	ttttcaaaga	ggctcttgta	tagcagtttt	480
tgtctatttt	aacattgtag	tcatt				505

<210> 12183

<211> 415

<212> DNA

<213> Homo sapiens

<400> 12183

agtaaattctc	tcgagagttc	tctccgcacg	cgggctggag	aagcgggtcc	tacgcacgct	60
ttgttgtgcg	gctttgcctc	cgtccttccc	cctactcccg	ccttacctga	cttccttttc	120
ggaggaagat	ccttgagcag	ccgacgttgg	gacaaaggat	ttggagaaac	ccagggctaa	180
agtcacgttt	ttcctccttt	aagacttacc	tcaacacttc	actccatggc	agttcccagag	240
acccgcctta	accacactat	ttatatcaac	aacctcaatg	agaagatcaa	gaaggatgag	300
ctaaaaaagt	ccctgtacgc	catcttctcc	cagtttgccc	agatcctgga	tatcctggta	360
tcacggagct	gaagatgagg	ggccaggcct	ttgtcatctt	caaggaggtc	agcag	415

<210> 12184

<211> 343

<212> DNA

<213> Homo sapiens

<400> 12184

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ttgttgtgcg	gctttgcctc	cgtccttccc	cctactcccg	ccttacctga	cttccttttc	120
ggaggaagat	ccttgagcag	ccgacgttgg	gacaaaggat	ttggagaaac	ccagggctaa	180
agtcacgttt	ttcctccttt	aagacttacc	tcaacacttc	actccatggc	agtwcccagag	240
acccgcctta	accacactat	ttatatcaac	aacctcaatg	agaagatcaa	gaaggatggt	300
gagttctcgg	gatagtccgg	agtccagact	gtcccgcacg	ggc		343

<210> 12185

<211> 160

<212> DNA

<213> Homo sapiens

<400> 12185  
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 tgtcacagca ggagtgaaca tattcaagta tctcagtga tataaccaa taactttcca 120  
 gaaaagctac accagttaca cttaacaccc gcagtgtatg 160

<210> 12186  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<400> 12186  
 actgcggcgc ccagccgggc accgcctgcc ggctgcagac gcctgcgagc aggttgtttt 60  
 tataagaggc gtcattggcg cccgagctgt gaccgccgcc actggggcag ccagcacaat 120  
 cgggcgaggg tggcgctgcc ccttcagacc tgaaagatgt ctgaaaattc cagtgcacgt 180  
 gattcatctt gtggttggac tgtcatcagt catgaggggt cagatataga aatg 234

<210> 12187  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 12187  
 aattttaatt tagtcgwgcg tcattttwctg attctcatca ttgggagatc ttaaattctta 60  
 gcaagcatta gcaatattaa atgccamaat tccattgaaa ctttcaagtt ggagcaattg 120  
 tctgtgtttg aaaagatgaa ataaaaataa taatcaaggg caaagctttg agtgcccaga 180  
 agggaaagct gtaccagttg ctaacctgtc ttgtttcagg agccac 226

<210> 12188  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 12188  
 agattttcag taccacaaaa ttgttttggg ttttttttct ttctctttca cataccaggg 60  
 ttattaaaag tgtgcntttc kttttacatt atattacagt tacaaggtaa aattcctcaa 120  
 ctgctattta tttattccag cccagtacta taaagaacgt ttcaccataa tgaccctcca 180  
 gagctgggaa acctaccaca agatctaaag ttctggctgt ccattaacct ccaactatgg 240  
 tctttatttc ttgtggtaat atgatgt 267

<210> 12189  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<400> 12189  
 agtgagctcg gccggcaacc gagggaccgc cgtccagatc ttcagtgtct attggatttt 60  
 tccaagagaa agtttgtaaa attccttaca ctgtagatgt ggatcagata cgatgattca 120  
 gtagaagagc acatgtcagg ggcagtggag gctggctgct gaaggatgaa cggagaggaa 180  
 gaattcttcc gggggaaggg gtgactgaac tgggagtcca gggaggagc tgaggagccc 240  
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 ctgtgggatg tgccagtgtc cccaccaaca ccaggaattt agaccttttc cctgcaccac 360  
 tctcttcac ctaggggtctc tgttacacta atttgaataa actctccctt ttctttgcaa 420  
 ctccccagca acaataatga ttttct 446

<210> 12190  
 <211> 73  
 <212> DNA  
 <213> Homo sapiens

<400> 12190  
 cccattcctc aatttttaat tccctaagtt aatttgaaaa ttctcttcaa tattcctctt 60  
 aacgtatgac att 73

<210> 12191  
 <211> 101  
 <212> DNA  
 <213> Homo sapiens

<400> 12191  
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 tagaaatcat tccatatcaa tacataaaga gctttttacac t 101

<210> 12192  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 12192  
 acttcgaggc gcgcggggagg cgcccagcka gccagagtgg tggttggtcc cgcgcgaaaa 60  
 ttctgagctg tacacctcta ggaaangaaa cactagttca gaagaagcct gtaaactctc 120  
 ttacaaatac atttggttat tcaccatgag gttagcaaag cctaaagcgg gtatttctcg 180  
 gagctcaagc cggaaaggcc tatgagaaca agcaaacagg ccggcagcgg cagaagtggg 240  
 gc 242

<210> 12193  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 12193  
 acatccgggt accgactcca gccgcctaga cgctggcact atgggtcatgg cggagggggac 60  
 ggcagtgctg aggcggaaca ggccggggcac caaggcgcag gatttctata attggcctga 120  
 tgaatccttt gatgaaatgg acagtacact agctgttcaa cagtatatcc aacagaacat 180  
 aagagcagat tgctccaata ttgacaaaat tcttgaacct tatgagagat gtactgaggt 240  
 cctgctatat gccaaagcaac ctgctggcca ctccacaagc tgggttgatt aaagcaagat 300  
 ctctgctgtc gaggaactca cctctttag tagtaaatata ctttaatccc ttgaaattga 360  
 tgcattgcaac aacaaacata ctttatggaa aagatcctct atgaggactg actcttgg 418

<210> 12194  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

<400> 12194  
 aaataatcct tgtgtaatca ttatttttta aacaacagac aattcaaatt tgaaggacat 60  
 ttgcaaaat tcttgactag tcttctcac aactgtcaag gtcattgaaaa acaaggaaca 120  
 ctaagaaaca gtcacakact agagaaggct aagga 155

<210> 12195  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 12195  
 tatggagaag gttacattga aaaaagtcta gacaaactga aaggcaataa atcctatgtg 60  
 aacatggacc tctctccggt ggtagagtgc atggaccacg ctctaacaag tctcttccct 120  
 aagactcatt atgccgctgg aaaagagcca aaattttctg gatacctctg tctcacatgc 180  
 cagcagcttt gcaagacttt ttattgttga aacagaaaagc agagctggct aatcccaagg 240  
 cagtgtgact cagctaacca aaatgtctcc tccaggctat gaaattggcc gatttcaaga 300  
 acacatctcc ttttcaaccc cattccttat ctgctccaac ctggactcat ttagatcgtg 360  
 cttatttggg ttgcaaaagg gagtccanc atcgctggtg gta 403

<210> 12196  
 <211> 487  
 <212> DNA  
 <213> Homo sapiens

<400> 12196  
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 gaccactgca gactgagcgg tggaccgaat tgggaccgct ggcttataag cgatcatggt 120  
 tctccagtat tacctcaacg agcagggaga tgcagtctat acgctgaaga aatttgacct 180  
 gatgggacaa cagacctgct cagcccatcc tgctcggttc tccccagatg acaaatactc 240  
 tcgacaccga atcaccatca agaaacgctt caaggtgctc atgaccagc aaccgcgccc 300  
 tgtcctctga gggtccttta aactgatgtc ttttctgcc a cctgttacc ctcggagact 360  
 ccgtaaccaa actcttcgga ctgtgagccc tgatgccttt ttgccagcca tactctttgg 420  
 catccagtct ctctgtggcg ttgattatgc ttgtgtgagg caatcatggt ggcacaccc 480  
 ataaagg 487

<210> 12197  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 12197  
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 tctccagtat tacctcaacg agcagggaga tgcagtctat acgctgaaga aatttgacct 180  
 gatgggacaa cagacctgct cagcccatcc tgctcggttc tccccagatg acaaatactc 240  
 tcgacaccga atcaccatca agaaacgctt caaggtgctc atgaccagc aaccgcgctg 300  
 gcgggcccgg ggtgcatgcc tgtaatccca gtactgtggg aggctgagat nggtggatca 360  
 cctgaggtcg ggagttttag accaagcctg gtcaacatgg tgaaactcca tctctactaa 420  
 aaatwcaaaa at 432

<210> 12198  
 <211> 222  
 <212> DNA  
 <213> Homo sapiens

<400> 12198  
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 aattgactca agaagagaga acctaacaga acaataacaa tggaagaaat tgggaacatt 120

atcacaaagc tatcatcctg ccaaactcca ggctcagatg tcacagagtc tcgctgtgtc 180  
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<210> 12199  
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<212> DNA  
<213> Homo sapiens

<400> 12199  
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aaccttcaga aagaaactgg actttggcca ctacgtatct cacaagaata gaatacaaat 180  
agcgaascta ctgttgatac caaacctcca gtggcgcaca caaatcacat tttaaaattg 240  
agcaaactac aggggtgaaca aaagaaaa 268

<210> 12200  
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<212> DNA  
<213> Homo sapiens

<400> 12200  
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acttgccctga caatwtagag mcatatgnmw nagtcataac agttttcaac ttgttcttgt 180  
ttctgtttaa ctatattcct agaaacatag tttgaacaac ttgggtctttg ttaggcttgt 240  
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ataattttcc ct 312

<210> 12201  
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<212> DNA  
<213> Homo sapiens

<400> 12201  
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cttgtctgta attaacaata tgtgcaccta ccacattata atcctccact gtgctgagga 240  
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cctcaaactc tctcatcctc ccacc 325

<210> 12202  
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<212> DNA  
<213> Homo sapiens

<400> 12202  
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aaaaaaaaaa aa 132

<210> 12203  
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<212> DNA

<213> Homo sapiens

<400> 12203

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tagatctcca	acaatcaarg	ctagacgtag	caggagtaga	agctattctc	gcagaattaa	180
aatngagagc	aatagggcta	gggtaaagat	tagagataga	aggagatcta	atagaaatag	240
cattgaaaga	gaaagacgac	gaaatcggag	tccttcccga	gagagacgta	gaagtagaag	300
tcgctcaagg	gatagacgaa	ccaatcgtgc	cagtcgcagt	aggagtcgag	ataggcgtaa	360
aattgatgat	caacgtggaa	atcttagtgg	gaacagtcac	aagcataaag	gtgaggctaa	420
agaacaagag	aggaaaaagg	agaggagtcg	aagtatagat	aaagatagga	aaaagaaaga	480
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<210> 12204

<211> 283

<212> DNA

<213> Homo sapiens

<400> 12204

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gcggtttgt	tttgcatctc	ttggagcctc	tccgagcagc	aaccagacgg	gagattttta	180
ttttaagctg	ttcatgctgg	gactgacagc	ctgcagggtt	tccttgggcg	cggcccaaaa	240
attgccttca	aaacaaaccc	gggacgggtt	aaagccttcg	aac		283

<210> 12205

<211> 446

<212> DNA

<213> Homo sapiens

<400> 12205

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tcttgggcgg	accacggccg	gttctgatat	cttaggggtga	agagagggag	gtgtcggcca	180
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<210> 12206

<211> 426

<212> DNA

<213> Homo sapiens

<400> 12206

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tgtccctggg	cccgggaggg	accaacttgg	cgtcacgccc	ctcagcgggc	gccactctct	240
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btttcccccg	aggggtcaacg	agaaagagat	cggtgaggat	tgggracgtg	ggtgggcgca	360
tgagggccga	kgagaggcag	ggactccccg	gavgaggttt	gggaggaagc	gactccaagt	420
ctgagg						426



<210> 12207  
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 <212> DNA  
 <213> Homo sapiens

<400> 12207  
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 acaaatgctt ctgtttgtac catgttgatt agtaatgtga ccctttcttt cccatgttta 180  
 gtgatttaga atctagaaga gaagtaaaaa aagaagaagg tgaagctttt gcacgagaac 240  
 atggactcat cttcatggaa acgtctgcta agactgcttc caatgtagaa gaggcattta 300  
 ttaatacagc aaaagaaatt tatgaaaaaa ttcaagaagg agtctttgac attaataatg 360  
 agncaaattg cattaaaatt ggccctcagc atgctgctac caatgcaaca catgcaggca 420  
 atcagggagg acagcaggct gggggcggct gctgttgagt ctgtttttac tgtctagctg 480  
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<210> 12208  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens

<400> 12208  
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 gcaaatttgg ggagactttg ccatataaat gcttggtgctg attaagcgcc taattaggat 180  
 gggtttttcaa caagttggag taagcatgca atcggtactt tgggtctagga agccatatgg 240  
 ttcgtctcga agtatcgtaa ggaaaattgg tactaatttg tctctgattc agtgtccaag 300  
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 ag 422

<210> 12209  
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 <212> DNA  
 <213> Homo sapiens

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 tgagctccag atatgtcatc tataaaattg gtgttaacac cgtttatctc ataggggtgct 180  
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 acctaccc 248

<210> 12210  
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 <212> DNA  
 <213> Homo sapiens

<400> 12210  
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 acagcagaga gccaggaggt ccaaccgccc tagacaggaa ggaattaaaa ttgtcctgga 180  
 agacatcttt actttatgg 199

<210> 12211  
<211> 173  
<212> DNA  
<213> Homo sapiens

<400> 12211  
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acttcttttg tgacaaagtt agaaaaaagt ggaggtcagt agggagatat gaagggacgc 120  
aggtggaagc agtkagcctg ggcgggtgat ggagtgggag atacgtggca cag 173

<210> 12212  
<211> 433  
<212> DNA  
<213> Homo sapiens

<400> 12212  
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tagaatgtta tttataatta aacactttta taagctacag agttattttt gacttgacat 180  
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ctccgcctcc cgggctcaag cagtcctccc acctcagtct cccaagtagc tgggactaca 360  
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tggccaggct gga 433

<210> 12213  
<211> 346  
<212> DNA  
<213> Homo sapiens

<400> 12213  
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ttttactaag ccccttctga cacctaggca gataaagata agagtagtgc gcagtacaaa 180  
tgtcagctct gaagaggagg aagtaaatct tcaatgctag ggcagatctt cactatccgt 240  
gatccagctc taatttgagc atgagagcaa aatttagtca tctacacaag aagcaaaagc 300  
aaggaatagt tgttgggttt ttgttttttg gttgttggtt tttttt 346

<210> 12214  
<211> 199  
<212> DNA  
<213> Homo sapiens

<400> 12214  
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ctccttccca tgctcgtggc agactacgct attttctgcc atgtccagac acagctcctt 180  
gatacagcac tctaagcca 199

<210> 12215  
<211> 283  
<212> DNA  
<213> Homo sapiens

<400> 12215  
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 ggagcgcgag gtcgggatgg atcttgaagg ggaccgcaat ggaggagcaa agaagaagaa 180  
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<210> 12216  
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 <212> DNA  
 <213> Homo sapiens

<400> 12216  
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 atgagcagra aactactgwa tgatggtgma gctcacaccr gacagcaact ttagtctnac 240  
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 agttcaagtg attctcttac ctcagcctcc tgagtagcyg gaattacagg tacamcacca 360  
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<210> 12217  
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<210> 12218  
 <211> 134  
 <212> DNA  
 <213> Homo sapiens

<400> 12218  
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 ttcagtgaac ccag 134

<210> 12219  
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 <212> DNA  
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<400> 12219  
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 ctgccattca tattttctgc ataacactat taataatatc aacctccaca gcccttatt 180  
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[illegible]

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<211> 445
<212> DNA
<213> Homo sapiens
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<211> 193
<212> DNA
<213> Homo sapiens
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<211> 207
<212> DNA
<213> Homo sapiens
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gaagttgaca	tctgacgacg	tgaaggagca	gatttacaaa	ctggccaaga	agggccttac	180
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gacaggcaat	aaaattttta	gaattctagg	tcaaactctga	gaaaaggggt	kgggaacagg	300
aaggttagaa	gaacattcac	agggrgttta	gcaacagcag	aaaacatagt		350

&lt;210&gt; 12225

&lt;211&gt; 460

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12225

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&lt;210&gt; 12226

&lt;211&gt; 447

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12226

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ccattcctgg	gttctcatcc	taaggctgct	ttctattcca	taacagtggg	tgaagttgac	300
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gatcggtgag	tgtttgtgtc	taacatagcc	tatttcgcct	gtcctcgtgt	gacttgtagg	420
atctagtagg	tggtaaagtt	attttta				447

&lt;210&gt; 12227

&lt;211&gt; 280

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12227

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gaattatatt	gggtcaaagg	atatagacgt	tttcatggcc			280

&lt;210&gt; 12228

&lt;211&gt; 185

&lt;212&gt; DNA

<213> Homo sapiens

<400> 12228

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caccg						185

<210> 12229

<211> 404

<212> DNA

<213> Homo sapiens

<400> 12229

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caccaataaa	ttaccacctc	atgactgggc	aaaacctttt	tccttaaact	ccttcctggt	180
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acatatatgt	atagatatga	atatgtgtga	atgctttatt	ctattgatgt	gaattttcca	360
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<210> 12230

<211> 435

<212> DNA

<213> Homo sapiens

<400> 12230

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gagaaacaaa	taagcccacc	ctactaggaa	ctatattgaa	aattttcaag	aaaggatttg	180
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ggccagcatt	agaggtagg	tggccatcag	aaagaagctt	ggacacggcc	cttgtttcaa	300
aggtacggca	caaagtaact	tgtaagccag	ggcaccacga	ccagtttctg	tacrtagaca	360
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<210> 12231

<211> 415

<212> DNA

<213> Homo sapiens

<400> 12231

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tgcctccttt	tagaaaattg	aattgraaga	caggatgaag	tggacacagc	atgtgaagac	300
aattcctttc	agaagtttgg	ctgnnaagga	maacagasaa	tgtgctaaag	aacatacaga	360
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<210> 12232

<211> 565

<212> DNA

<213> Homo sapiens

<400> 12232

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<210> 12233

<211> 429

<212> DNA

<213> Homo sapiens

<400> 12233

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<210> 12234

<211> 475

<212> DNA

<213> Homo sapiens

<400> 12234

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tatattgttc	taaattagct	ctgtttctcg	caataataat	agtgtgcagg	tttgttacat	180
gggtatattg	catgagggtt	ggggtacaat	tgatcccatc	accaggttag	taagcatagc	240
accagcatg	tagttttgtt	taagtttttt	gagacaagggt	aggtctctgt	ccccagggt	300
ggattgcagt	gttgcgatca	ctggtcactg	cagtttttgac	ctcttgggct	cggccgatcc	360
tcccggctca	gcctccgggg	tagctggggac	tacagtgggtg	ggccggccata	ccctgctatt	420
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<210> 12235

<211> 410

<212> DNA

<213> Homo sapiens

<400> 12235

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aatccatggt	tgtgctttct	ctggcccggtg	aacanctygg	cgattctgtt	agggatggga	180
tgagtgggag	gaagcccttt	gagaaggggg	agccggcctg	tcatgcgcag	gttttccact	240

catctgagga	atagccaggg	ctctgaat	ttt agcctaacac	tcattcttggc	tgtgggcttg	300
ggaagaaatg	gccattat	ttt acagattgta	ttt tttggtagat	attgtgtgat	acttgaaaag	360
ataaaaggga	ctgccagccc	ctaactgaaa	tctgaagc	tttatcgctt		410

<210> 12236  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<400> 12236						
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atgattggrt	gtatgtaaca	catacatgga	gtatggagga	aattttctga	aaaatacatt	180
tagattagtt	tagtttgaag	gagaggtggg	ctgatggctg	agttgtatgt	tactaacttg	240
gccctgactg	gtt gtgcaac	cattgcttca	tttctttgca	aaatgtagtt	aagatatact	300
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gtcagtcaga	acttcgtaga	ccgacctgaa	gtttcttttt	gaataactgt	tycttwagca	420
ctttgaagat	agaaaaacca	ctttttaagt	actaagtc	catttgcctt	gaaagtctcc	480
tctgcattgg	gtttgaagta	gttttagttat	gtctttttct	ctgtatgtaa	gtagtataat	540
ttgttacttt	caaatacccg	tactttgaat	gtagggtttt	ttgttggtgt	tatctataaa	600
aattgagggg	aatgggttat	caaaaaaata	ttttgctttg	gaccatatkt	sttaagcata	660
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awcaatccag	atgtata					737

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 <212> DNA  
 <213> Homo sapiens

<400> 12237						
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<210> 12238  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 12238						
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aaagagaaaa	ggagagaggt	tgagcgagcg	agagagaagc	taggtgtgat	gatgacagac	180
tagcttttct	gagaggaaaa	ggaaaaggga	agggagagaa	aaaggagagc	ctctgagctc	240
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<210> 12239  
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 <212> DNA  
 <213> Homo sapiens

<400> 12239						
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tagcttttct	gagaggaaaa	ggaaaaggga	aggagagaa	aaaggagagc	ctctgagctc	240
aacggaggat	tgtgcctgag	aagaacccac	agagtttgt	tgatgttcct	ttcagctggt	300
cctatagtac	ccctcctcag	gaatgtctcc	ccagtgcag	nrsaaagact	gaagagactg	360
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<210> 12240

<211> 256

<212> DNA

<213> Homo sapiens

<400> 12240

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gaagagactg	ctatattgat	ggactctcaa	gccaactatg	aagttgaaac	aaagaaagt	180
atcacctgaa	gacacctcct	ctgctaagaa	acacccccaa	attgtgcagc	ttctgccact	240
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<210> 12241

<211> 157

<212> DNA

<213> Homo sapiens

<400> 12241

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<210> 12242

<211> 197

<212> DNA

<213> Homo sapiens

<400> 12242

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actgagatga	ttttaggagc	attttatttt	aaattaaatt	tacaatctaa	tggtaaattg	120
attaccta	tagtgccttt	ctctttcctc	acttggtctg	gatgtttcaa	tcagtttagt	180
ggaaggaaaa	ataaatg					197

<210> 12243

<211> 270

<212> DNA

<213> Homo sapiens

<400> 12243

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atcaatttaa	aagtaaaaaa	aacaaaaaaa	aaacaaaaaa	tttaaaaaaa	aggtttgcta	180
atctgatrgt	waattkgtyc	ttaccaaaaa	ataaawttmc	ttkgtaawtr	gcrgtncaca	240
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<210> 12244

<211> 321  
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 <213> Homo sapiens

<400> 12244  
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 taaattttga atcgtgtgca atatagaaat attttgagac tcacaacatt gaaacaaggt 180  
 gacaccctag ttgactttat cactaatgtg atttgaacat tatttaaaca aatctagact 240  
 gaacatgaaa gaaaggagtt ttgggcagtg acatttttca cagaatgtat atctcaaagg 300  
 tgaaagcaga gtttttccag t 321

<210> 12245  
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<400> 12245  
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 ttggtgcatg aaacaaatct ttgactgcat tgactgcacc ccatacatg aagtcagatg 120  
 tggaattttc cacttggtggg gtcattgtcac tgctcaaaaa atttcagatt ttggaacatt 180  
 ttagatttca gcttttt 197

<210> 12246  
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 <212> DNA  
 <213> Homo sapiens

<400> 12246  
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 ccaagggctg cgggactttg gcttttccctc agtaaacaaa tcttttgatt actttgacac 180  
 tgtggaataa agaagcgggg agaaggatca ggctcacctt caccgccttc agggggattc 240  
 cagcttggat gtcagattcc tgaaccgtct ttgccatcgg aggaggaaaas gacatccaca 300  
 cagcgcgcgc cacactcgca cgctcagggc cacactcaca cgccgccttc cacgatcaca 360  
 cagcaccag 369

<210> 12247  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<400> 12247  
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 tacacgcttc tgaaactggg taggaacaa cctcagttct gtgaaaggcg gacgcagcag 180  
 gacagaatct ccgtggacat ctgtctggag gagcaatttt actgcgacat tttaaagaaa 240  
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 gggtcaccac ctgcgggggt ttgtcctgca gacctgact caacgcagga tgaataatgt 360  
 acactgacac agatcttatg cttgtcagtc ctgctgagca tccaggccac ttacagactc 420  
 caa 423

<210> 12248  
 <211> 762

<212> DNA

<213> Homo sapiens

<400> 12248

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cgccaccgcc	tacaatcctg	ctttgtgctg	agattgtagt	cctgcaggcg	tacaactaac	120
aagctgggtg	cagataagag	actacagctc	cccgcacccc	aagcaaagg	ccctcctcta	180
cggagcccct	ccacgcgtcc	actgcgggtc	cgccgtgcc	aggggagctt	ggctgttcac	240
gggcctcacc	tgctagcgag	aagatagctt	ggccggggcg	ctgatctcac	cttgtaattc	300
tgacactgtg	tctcccgggc	ttgtcggctt	catgacttgt	gcccacacct	gggttagacc	360
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tgcacacagg	acgctgctgc	caactgtaata	aagcgtgcct	acacgcttct	gaaactgggtg	480
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tgtctggagg	agcaatttta	ctgcgacatt	ttaaagaaac	aaattttaatt	gattttccaag	600
gggtgtccat	gcgcttcctt	caactgcctt	atcatgtcgg	ggtcaccacc	tgccgggggtt	660
tgtcctgcag	accctgactc	aacgacggat	gaataatgta	caactgacaca	gatcttatgc	720
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<210> 12249

<211> 230

<212> DNA

<213> Homo sapiens

<400> 12249

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tgcattgcag	atgggtgcaa	gctgagaatg	acggctaata	ggatgagcac	agattcaagg	180
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<210> 12250

<211> 278

<212> DNA

<213> Homo sapiens

<400> 12250

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tccgcccgtg	ctcagaatcc	aggggcccgg	ggctgtagat	tccttgacaa	ggatataccta	120
gcggcgaaac	aacaccgtac	tgggagtcag	aacgtctggg	ttctagtctt	gactgccatt	180
aactagcgg	atgacattgg	agaagctttt	ttgaccttcc	tggatttccg	tttcttttcc	240
tgtaaaatga	ggagcttgga	agatccggaa	aatgagggc			278

<210> 12251

<211> 363

<212> DNA

<213> Homo sapiens

<400> 12251

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caacgctcca	aagtcataat	tgcatgtact	ttccccacca	gatgctgaaa	atgtccttgt	180
gatgtgcacg	taaagtactt	gtagtctcac	ttatagcctc	tgtctggcaa	tgccacagcc	240
ctgtcagcat	gaatctgtaa	tgtcttgagc	tctattatga	atgtgaagcc	ttcccccttat	300
cnnnctgtga	acttgawcca	tttctaatta	tgtagctctt	tgtcagggag	tgttccttat	360
cca						363

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<400> 12252  
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 tggctgtttt agataggaaa tac 203

<210> 12253  
 <211> 180  
 <212> DNA  
 <213> Homo sapiens

<400> 12253  
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<210> 12254  
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 <212> DNA  
 <213> Homo sapiens

<400> 12254  
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 caccaggaaa ttttgatgac actgttctcc tgagctcctc cctttcctcg gggaagaaaa 180  
 gcattgaaac tacaaaaata aagtgttatt tggc 214

<210> 12255  
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 <212> DNA  
 <213> Homo sapiens

<400> 12255  
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 ataatccctt taccaaagggt atattttact ttctttatac accttgcaca taaactgttt 180  
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 taaattcttt ttataaactt ttttttctct ttcatgactt tcacagacaa ttctttgaca 300  
 tgcgttaact ttctgactta ttacaaacat ttctttcttt aaacaaccag ttaatttatt 360  
 tcaggataag aatttaccat ataacattct ttttacataa atttcgcggc ccccccaac 420  
 tttttttccc ttttttttga agatgataac cattcttttc caaagtggac ttcttttatg 480  
 tctgtggact agactgtcta aggccacaag attagaagtt actataatat atgttacact 540  
 gttaactttt agcacacttt acttttgctg aaaaccttgt aatttgggaw taattatcct 600  
 ttgctattaa taaaacttgt ttagttcaaa ttaacttaga attggtatag at 652

<210> 12256  
 <211> 433  
 <212> DNA

<213> Homo sapiens

<400> 12256

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aaagaaaact	tttttttaac	cttttaatgt	aggtaaaaat	ccacattctt	atgcctcctt	120
ataatccctt	taccaaaggt	atattttact	ttccttatac	accttgacac	taaactgttt	180
cttcaatagt	tttaccattca	ggaggcccaa	ttacttttaa	attatacaac	atttcttgca	240
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tgcgttaact	ttctgactta	ttacaaacat	ttctttcttt	aaacaaccag	ttaattttatt	360
tcaggayaag	aattttaccat	ataayaytct	ttttatataa	attccacccg	cccccttttt	420
tttccttttt	ttt					433

<210> 12257

<211> 355

<212> DNA

<213> Homo sapiens

<400> 12257

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gcagaatata	gtgcaaattt	gtgaagcatt	ccatatattt	tggaaaataa	aaaagtgtga	180
gggagtggcc	tagtccccct	ttgtctttga	tcttggaact	cccaacctac	agaactgtga	240
gaagtaagta	ttgattcttt	ataaattacc	caatctaagg	tattttgttw	kggtacctac	300
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<210> 12258

<211> 432

<212> DNA

<213> Homo sapiens

<400> 12258

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<210> 12259

<211> 140

<212> DNA

<213> Homo sapiens

<400> 12259

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acaaccctcg	ctcaaggaat	tcggccatta	tgaatctcgt	gctgttgccc	aggctggagt	120
acaatggtgt	gatctcagct					140

<210> 12260

<211> 221

<212> DNA

<213> Homo sapiens

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 acgaacaacc aagtgtgctg atgcagcttt aaaggggctg gtgattgaca gaatgggtga 180  
 gtagtagatg gggtaggagc gctgggtggg gtcgagactg g 221

<210> 12261  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<400> 12261  
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 tgatccacgg cttccagagc agccaccggg atttctgctt cgggcccttg aagctgacgg 180  
 cgtccaagac ccacatcatg aagtcggcgg atgtggagaa attagccgat gaattacata 240  
 tgccatctct ccctgaaatg atgtttggag acaacgtttt aagaatccag catgggtctg 300  
 gctttggaat tgagttcaat gctacagatg cgtaaatg tgtaaacaac taccaaggaa 360  
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 aggttattaa accata 436

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 <212> DNA  
 <213> Homo sapiens

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 ccctgcgtas cactgcctct tcagtcccag gacaaacaac tcagagttag gatccaagcc 180  
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<210> 12263  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 12263  
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 ctctttttac tgcgtagaac ctatatcgag agtgtgtgta tatgtattaw aggagggagc 180  
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<210> 12264  
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 <212> DNA  
 <213> Homo sapiens

<400> 12264  
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 agaacaaagg tctcagtgtc ttttgagctg aagacatgca gaccttggag agacccatgg 180  
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 ctgggatttc cccagttarg tgactaagaa aatc 394

<210> 12265  
 <211> 126  
 <212> DNA  
 <213> Homo sapiens

<400> 12265  
 gtgctcgctt cggcagcaca tataactaaaa ttggaacgat acagagaaga ttagcatggc 60  
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 tgacca 126

<210> 12266  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 12266  
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 tgctcctggg ttgcagaatg gaagtggagaa tgcagtacct taccctgggt ggtgctgtgt 180  
 cacaggagcc tccatttctt gctggagatg tgagatttgc aggatccaag atgtcctcga 240  
 gtaaaagtcc attgtgagga g 261

<210> 12267  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 12267  
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 catgagccac tgtaccggc catcttctac tagttttata gtataagatt ttgtgtttaa 180  
 gtctttaatc cagatgatca tgccactgta ctatggcctg ggcgacacag caatgttttt 240  
 aaaataaata aacaaaatga agaggaccct ctgaaggaag cagattgctc ccacaggata 300  
 tgggagacac cccaaatact agctgggtat aagtaacaa gaagagggcc tgggaggaga 360  
 gtctgacgag caaaggggag gtagccaagg at 392

<210> 12268  
 <211> 181  
 <212> DNA  
 <213> Homo sapiens

<400> 12268  
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 tccctccacc cgcttctgcc gaccggggcc ctcccgcgcg gcctcgcagg cctccccacc 180  
 c 181

<210> 12269  
 <211> 445  
 <212> DNA

<213> Homo sapiens

<400> 12269

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aatgttgata	gaattgtggc	attacatcta	aatttgtaag	tcttttcata	tcaaacaagc	180
aaggcttttt	atgctgctaa	gtctgtgggt	gcagaaagaa	acacccttg	gaagggcaaa	240
gagaagccgg	ctgggtgcat	caccccgctg	agtttctcac	acacatctct	ttttctgatt	300
ctgtgttcag	aagaggctgc	cggcataaaa	cctaaatgca	aggttgacgg	agaacagctt	360
gtctggcaca	acaatgggtg	aggcccacga	gccagcatca	cagcttggcc	atgggacggt	420
gagtatgcac	aaactagaac	tctcc				445

<210> 12270

<211> 364

<212> DNA

<213> Homo sapiens

<400> 12270

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gaccaggag	tttctgtgt	ccagcgtgc	cggagccgcc	tgaggtgcca	tgtttcagaa	120
cagagtaaga	cccctggtaa	agaagaactg	aagatattat	acagatacca	gatatagcct	180
aattacaaag	aaagcattaa	cctgcctctg	aggtagctaa	aggggaataa	tggtagattt	240
gcgccgggct	cggccgcctg	cttcgcctcc	aaccagcaat	gaatcttgac	tcgtctctgc	300
tggccttgct	tcaaatcagc	tacctggtgg	acaatttaac	caagaaaaat	taccgagcca	360
gcca						364

<210> 12271

<211> 329

<212> DNA

<213> Homo sapiens

<400> 12271

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tcaccaggc	tggagtgtaa	tggagcaatc	tcgggtcact	gcaacctctg	cctcccagg	180
tcaagcgatt	ctcttgcttc	agcctcccga	gtagctggaa	ttatagggtg	atgccaccac	240
gctcggctaa	ttttttgtat	tttttagtaa	gacggagttt	caccatgttg	gtcaggatgg	300
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<210> 12272

<211> 338

<212> DNA

<213> Homo sapiens

<400> 12272

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cgtcctaccc	taagggtcacc	acctgctgcw	tttcwsgagc	gcntaccagt	naccaanagg	120
aasrgaacac	agrrcagcct	ggcagtgctc	aagcaacaag	cctccgctcc	tccttctctg	180
accctggggc	tcctgaaact	cacatgagaa	ggagggctgt	ctgagattcg	agggaaacaa	240
gctctcagga	cttccggctg	ccatgatggc	tgtgggcggg	aaacgcgggt	agtgaagca	300
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<210> 12273

<211> 444



<212> DNA

<213> Homo sapiens

<400> 12273

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cgTcctaccc	taargtcacc	acctgctgcn	tttyctggag	cgcttaccag	tgaccaagag	120
gaacagaaca	cagagcagcc	tggcagtgtc	caagcaacaa	gcctcsgctc	ctccttcctg	180
caccctgggg	ctcctgaaac	tcacatgaga	aggagggctg	tctgagattc	gagggaaaca	240
agctctcagg	acttccgggc	gccatgatgg	ctgtgggcgg	taaacgcggc	tagtgcaagc	300
atctgggcca	tcttcaatcc	ccaaagtgga	actcacccaa	atgtctatcg	tctgctgaat	360
ggataagaga	atatgtgatg	tctccatacg	gtggaatatt	attcagccat	gaaagcaaag	420
gaggtgctgt	tatgcggtat	aata				444

<210> 12274

<211> 312

<212> DNA

<213> Homo sapiens

<400> 12274

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tgtctcagct	cttgggggtg	acgtcatctc	cgggaagggt	gccggcccag	ggttggttaga	180
gccagcataa	ccacttgggc	cgtctctgcc	ccgtcagagg	tcagacccat	tgcacttcag	240
tatctcaggc	ggcaccctgt	ccccgaggag	gggaccatga	cacaggttgt	gagtcccggc	300
ccagcccctc	ca					312

<210> 12275

<211> 379

<212> DNA

<213> Homo sapiens

<400> 12275

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tgccatatga	ttttatgtat	ttatgacata	ttgtgagact	caactgcacc	aagaaaggat	120
tgtaagtact	ttttttkgtg	catctttaag	tggttatata	gttggcattg	tcagtaggtg	180
gtcagagccc	tttcatttgc	cagaaggcat	actttgaaga	tgatttcaat	gttggcaggt	240
agttatccag	ttctgttacc	ttgtatncaa	gtcagttttc	atctctttat	tattttcatt	300
aatggaaac	aaggatgtat	cgcttcattt	aaggcttctg	tgaattaaag	cctttgagta	360
aaacgtcatt	aatctgcac					379

<210> 12276

<211> 281

<212> DNA

<213> Homo sapiens

<400> 12276

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agatggagtc	ctgggtgggaa	cagatgggaag	gtactcttcg	atggcgccca	gtttcaggtc	180
cagtgcagcat	gagaatgcct	atgagaatgt	gcccagggag	gaaggcaagg	tccgcagcac	240
cccgatgtaa	ccttctctgt	ggctccaacc	ccaagactcc	c		281

<210> 12277

<211> 319

<212> DNA  
<213> Homo sapiens

<400> 12277  
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taagaaacaa ggcagcacac ttttactctt cttgtgctat ggttttcatc agctgagagg 120  
tcacaaatcc acttacatgc agactcagag cagcaggaga acattaatta ttaagaagtg 180  
gaaaggcaca gtctcctctc ctcacaccat ctccctaggc ctccagctct tcatttccct 240  
cctcctctcc tggtaatttg tcaactgaaga ttctaggccc agaatcctgc cttggttgaa 300  
aatggttggtt attattaat 319

<210> 12278  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 12278  
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gcttcaagtg atctgcaacc agagtaattg ggatttgaca aggactgtga aaggctgact 120  
ctccctgttc tctttcatgc tggcaccggg cagagtgtgg gaactactgc ctcaatacga 180  
tcatagaagc cattgagatc ccgcagttta tcggccgcag ttacctgacg tatgacaacc 240  
cagatatctt gaagaggggtg tcaggatcaa gatcaaattg gttcatgagg tttaaaacaa 300  
ctgccaagga tggccttttg ctgtggaggg gagacagccc catgagaccc 350

<210> 12279  
<211> 90  
<212> DNA  
<213> Homo sapiens

<400> 12279  
attaaattct aaacaagggt atagtaaagg agtgtggcca agagggaaaag aagaaatggt 60  
ggatccagat agcttcaatg ggtactgcaa 90

<210> 12280  
<211> 216  
<212> DNA  
<213> Homo sapiens

<400> 12280  
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attagggcaa tttgtctcaa taaaagccca ggaagaagac gaggatgggt agtttgccat 120  
ttgctttgct tgtagtgttt attgcacggg ttgggaaata ggtggaatgt taagcctcag 180  
gaagagcgtg aagaggaggt tctggtttga agtttg 216

<210> 12281  
<211> 305  
<212> DNA  
<213> Homo sapiens

<400> 12281  
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agccctaggg gtagggggat tgggggcaca agatgggtgg agccagatag ggaagattcc 120  
cycagtgttg tctgtctccc agtccagggt tgggacaatg ccggcagcgt ttccctgtgt 180  
ctttccccc caaagtctcc awgtctttcc tcaaatgatc gtcaagggtt gggagaaaca 240

atctcttctt ctgcccgggt tgcgtggatc tccagtggaa agatactgca tgacattgaa 300  
acagc 305

<210> 12282  
<211> 440  
<212> DNA  
<213> Homo sapiens

<400> 12282  
catattttgg ctaagtttgg acctataact acactttcat tgtttgcatc tctctatgaa 60  
gatacgtctg tccaaacttt taaaaggcat aactgtattt tatgtgttta ttctttatat 120  
agatagtatt ttatatTTTA ttctcaccgg aagtattcac acaatctttt taaaaaaaat 180  
ttgaaatggc attttgtatt gccacagang taggatgagc catatattag tgaaatgttt 240  
tattttgtaa aatataaatg gattatttgc catcattagt acctctcaac ttacttttta 300  
gaggacaaga aacaatctgt agattgggtt ccatacaggg aagttctccg tcctatgcaa 360  
tgtttctaata taatttgctt aattctgagc cattaatcct gctacacttt gaatgatata 420  
ttaattcaga ctaatctttg 440

<210> 12283  
<211> 365  
<212> DNA  
<213> Homo sapiens

<400> 12283  
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tgccccagac cccaaatcag ggaggaagat ttgaacctgc ctctgtctc cttgctggct 120  
ggtcttgcaa taaagtcttt cttttctcaa aggcagtacc atggtattgc ttccgtgtac 180  
attgagcagt gagcctgagg caggaaaata gggtcaggag gcagggaaca taaggccaat 240  
tcacacttgc gctgtaacag gaaatatcca ctccataggg cgtatgctgt aagtgacttg 300  
taactttact tcactctctg catttacgta gagggttaagt gaagtaaaca atggaatcat 360  
ctagg 365

<210> 12284  
<211> 215  
<212> DNA  
<213> Homo sapiens

<400> 12284  
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aacatcttaa caatcttggtg attcagttaa caaaattaaa aacttacaga atctgataaa 120  
tgcattccaaa ctgacacacg tctgtgtgta tctctactt aatggaaaaa ataaaacaag 180  
atattggata acatctactg taaggattca ccccc 215

<210> 12285  
<211> 189  
<212> DNA  
<213> Homo sapiens

<400> 12285  
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gagatcttaa gagattttgc ccaaggctgc agaggaggta ggtagggact tcatgaagga 120  
cagcaaatac cattctaaag agacgagtta tataatctaa acaatttggg attttagatc 180  
cctttagcc 189

<210> 12286  
 <211> 182  
 <212> DNA  
 <213> Homo sapiens

<400> 12286  
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 acaaattcag taggacgtaa tgcattgaaat aatttaattt ttgacatgta catcgaatca 120  
 taatttataaaa acaaggtctg accaggtgta gtgcctcatg cctgtaattc cagcactttg 180  
 gg 182

<210> 12287  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

<400> 12287  
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 gggcgcgag gattgaacag ctatctgcct tgagtagggc aaggcctttt ggcccaaatt 120  
 taaagagagg aagttgataa agaaacacaa gaatatccaa cactgtgg 168

<210> 12288  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

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 gctgtgtagc ctgatagtgt gaaatgttta atgagggagt tgtaccacaa acagtactac 180  
 aatgattctg aagcacagtg tattcagaca gatacagtga accaagtgcata atagtgaagg 240  
 atgaaagaag aagagatgac aaagaaatcc aagtaaattgc cttgtctttg caaatgtttt 300  
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 aacaagggtta ataccttagt tcttaacatt ttttttcttt atgtgtagtg ttttcattgt 420  
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<210> 12289  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

<400> 12289  
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 ttaaggtaat aagaattact gaaagggatt tggaaaggaa ataagcttct cttattttaa 180  
 ttcaacattt taaaattcaa taagccacat cagctatgcc aaacaccatc tttgtacaac 240  
 ctcaaaccat ctaatatacc aacctgaacc actgatactt ccaccatagg aagagggaca 300  
 tttgttcttg cagaagttct tctgttctca atcccttagt tgcaggtaaa cactactgaac 360  
 ttggattggg tgatgctaT ccctaagcag aaagtatgtt ggtactctgt tttccacac 420  
 tgtaattatt aagttcttac ctggtagctg caca 454

<210> 12290  
 <211> 282

<212> DNA  
<213> Homo sapiens

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ccctggggag agtggtcctt gcccttccgc gcctcgagcc atcgctaccg cccttcggaa 120  
ccagtgcagc ggccgatcag taaacacaga gactggggat cgatcatggg gctttgtaag 180  
tgccccaaga gaaaggtgac caacctgttc tgcttcgaac atcgggtcaa cgtctgcgag 240  
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<210> 12291  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 12291  
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ttgtcactct ctggaa 136

<210> 12292  
<211> 506  
<212> DNA  
<213> Homo sapiens

<400> 12292  
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agcagttatg tccaggagaa tacaatatag attatgcaag agaagatttt ataaagaaat 180  
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aatccagcaa ccacagactt acatgtataa aggtagtttt ctccctctga atctcattaa 360  
agggagagac agactgacta aattaacaaa atatataara cagctcaaga atatgctgta 420  
cataaactgg aattctataa agctcacaaa gtaacatgtc taatatacaa tatattagat 480  
gtttgaggat atgcacatta aactct 506

<210> 12293  
<211> 235  
<212> DNA  
<213> Homo sapiens

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cttgcatctt aagcagtacg gtgtgggtct taggggctgg agtgatatct gcaggaaaca 120  
cagagtaggc aagaatgtga ggtgggtgta gactagtttg tctgggtcaa aaagtaaaaa 180  
agaagactga aaaaagtagg aaatctaacc caaagcaatc aatctttgag aagag 235

<210> 12294  
<211> 471  
<212> DNA  
<213> Homo sapiens

<400> 12294  
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ccccctttcg	ggaggaagtt	tttaagggga	tttctcaaaa	tcacccccgc	gcttccttca	180
ctccttcctt	agagccggag	cgcggcargg	amcsatgtcg	gcggagaccg	cgagcggccc	240
cacagaggac	caggtggaaa	tcctggagta	caacttcaac	aaggctcgaca	agcaccggga	300
ttccaccacg	ctgtgcctca	tcgcggccga	ggcaggcctt	tccgaggagg	agaccagaa	360
atgggtttaag	cagcgcctgg	caaagncgcg	gcgctcagaa	ggcctgccct	cagagtgcag	420
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<210> 12295

<211> 139

<212> DNA

<213> Homo sapiens

<400> 12295

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ccacaagggc	aggactttta	tcagacatca	agtactgagt	taatgattta	aaatgcccac	120
attgcacagc	cttgttgtt					139

<210> 12296

<211> 238

<212> DNA

<213> Homo sapiens

<400> 12296

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agggcagcag	attgcacaaa	ccatgcta	ggccagcatg	gatggaggga	gcgtgtgaga	180
tgtgtggggc	agcgtgctgc	atctcagcca	actccaggag	ccagttgatg	tgatggac	238

<210> 12297

<211> 151

<212> DNA

<213> Homo sapiens

<400> 12297

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cctccaccaa	ttctaaaatc	atttaatat	gactttaata	atggtacctt	tttctagaaa	120
agcactaatt	gttttttttt	ttgtgggggg	g			151

<210> 12298

<211> 430

<212> DNA

<213> Homo sapiens

<400> 12298

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aattttta	agttaactac	attcatgkka	caaccaaagc	aagaaagcct	catgttttgg	180
gggaaagt	gatatcagca	atgtccagac	aagataagga	aatgaagctt	agtgatgtta	240
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ggactccaca	acctgcta	tttccactct	gtcactctgc	tttagaaaaa	taaggggctt	360
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tttaaagt						430

<210> 12299  
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 <212> DNA  
 <213> Homo sapiens

<400> 12299  
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 gcccatTTCC taacagctgg atcaaaggca tgaaatgaac atggagtccc tgaagatgaa 180  
 gagaagg 187

<210> 12300  
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 <212> DNA  
 <213> Homo sapiens

<400> 12300  
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 ggtgggcact gttcagaggc ccccagcccc tgcccttctc ctgcgagggc cgagctcacc 180  
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 ccccgcccc cataaagaga tcaaattatg tctcctgcat tctgctgtaa tgaaatgaat 300  
 cataaaatat gttttagaag aaaattacta taaaaagttt caaaattgtt atttaaaaag 360  
 gaccccgcca acasgcatat tgacccaaga atcttcggga tggactctgc ttttgatcac 420  
 atctwmacct gctcgaggat cacctgtggc acgtcgggct ctgaatgmaa cccagagaca 480  
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<210> 12301  
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 <213> Homo sapiens

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 gcagtaagtc agcatcccgT catcgttggc c 151

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 <212> DNA  
 <213> Homo sapiens

<400> 12302  
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 ataaaaaac atgaaaattc aggttgggag cagaggctca cacctgtaat cccagcactt 180  
 tgggagttga ggctgtgga tcacctgagg tcaggaattt gagaccagct tggccaacac 240  
 cgtgaaatcc catctctact gaaaatacag aaattagcca gacatagtgg cgcattgcacc 300  
 tgtaatccca gctactcggg aggctgaggc aggaggatgg cttgaacctt ggaggcagag 360  
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<210> 12303  
 <211> 277

<212> DNA

<213> Homo sapiens

<400> 12303

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tcgtgttgac	cggycaactct	cctgtgctct	ggatgaatgt	sggaacacga	cctggccgat	180
gtggttcaga	ttgcagtsga	agacctgagc	cctgaccacc	cagttggytt	ggagaaatcat	240
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<210> 12304

<211> 248

<212> DNA

<213> Homo sapiens

<400> 12304

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acgggaagga	gctgtttgac	aaggcnrrca	aacmccmact	tcttamacag	cctggccctg	180
ttaggggtgc	cccattgcaa	aaagccactc	tgggtaatct	ttccctgcgc	ctaaccctga	240
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<210> 12305

<211> 257

<212> DNA

<213> Homo sapiens

<400> 12305

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aactggtccc	tcgtccccgt	gactctggca	tcagggtggt	ggaggcaaag	taaagaagcc	180
cggtaaacgt	ggtcggaagc	cagccaaaat	tgacttgaaa	gcaaaacttg	agaggagccg	240
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<210> 12306

<211> 292

<212> DNA

<213> Homo sapiens

<400> 12306

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aactggtccc	tcgtccccgt	gactctggca	tcagggaagc	gaactgttag	gcgagaggag	180
gaggcagcca	gaaccatata	cccttcttcc	tcggggcggg	ggccggggcca	ggccggctga	240
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<210> 12307

<211> 433

<212> DNA

<213> Homo sapiens

<400> 12307

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cagccccctc	aaccgaggag	gtggtccttg	cagttacgcc	aatgataacc	cccgccagaa	180
aaatcttagt	agccttccct	ttttgttttc	cgtgccccaa	ctcggcggat	tgactcggcc	240
ccttccggaa	acaccggaat	caacttctag	tcaaattatt	gttcacgccg	caatgaccca	300
ccccggcccc	gcgtctgtgg	aactgacccc	tggtgtacag	gagagttcgc	tgctgaaagt	360
gggtcccarag	gggtactagt	ttttaagctc	ccaactcccc	ctcccccagc	gtctggagga	420
ttccacaccc	tcg					433

&lt;210&gt; 12308

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12308

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cggcctgtgt	gtggcgcgag	gcaggggaagc	cggtagccgg	gtcctggccc	cagcgtgac	300
gtttttctctc	ccctttcttc	tctcttcgcg	gttgcgggcg	cgcagacgk	agtgtgancc	360
cccatggcag	atacgacccc	gaacggc				387

&lt;210&gt; 12309

&lt;211&gt; 128

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12309

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gctaaacacc	gtcgcgcttg	atcgtggacc	cggctttggc	tttgtacarg	gtacggatc	120
gsctcggg						128

&lt;210&gt; 12310

&lt;211&gt; 141

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12310

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ttttgacagg	gtagtccctc	aatctamtaa	attcaaacac	ctagttttaa	acttgagatc	120
agcacaattt	cttattcttt	t				141

&lt;210&gt; 12311

&lt;211&gt; 112

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12311

catagttgcg	tgtttcaaca	atgtccattt	atccttcacc	ctgaggcggtg	ttttgggggc	60
tgcaaacacc	tcccggtaga	ggctggacct	gaggaccctt	cccactgtgc	cc	112

&lt;210&gt; 12312

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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cccaagggca gctcattttc gagtatctca tttgacggga tttaatgact gggtgggagc 180  
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ttcagagtga cttacaaaca cttgtatcc ctagggtgrr accaa 285

<210> 12313  
<211> 362  
<212> DNA  
<213> Homo sapiens

<400> 12313  
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gcacgcgggg cgcgggcccc gaaggctctc catcgaaggc aacattggct ccactttgag 180  
gctctgatga acattccagt gctgggtgtg gatgtcaatg atgatttttc tgaggaagta 240  
accaaacaag aagacctcat gakagaggta aacacctttg taaagaatct gtaaccaata 300  
ccatgatgtt caggctgtga tctgggctcc ctgactttct gaagctaaaa aaatgttgtg 360  
tc 362

<210> 12314  
<211> 210  
<212> DNA  
<213> Homo sapiens

<400> 12314  
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acaacaagct tcccagcaac ctgccgcagt tacagaatct aatcaagcga gaccgcgcgg 180  
cctacatcga ggaggtggga gtgcggcgcg 210

<210> 12315  
<211> 161  
<212> DNA  
<213> Homo sapiens

<400> 12315  
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tacatgaaca cagctcacag cacacaaaca cgcagcacac acgttgcaca cgcaagcacc 120  
cacctacaca nactsatgcg cagancatrc atgancacag c 161

<210> 12316  
<211> 281  
<212> DNA  
<213> Homo sapiens

<400> 12316  
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cacaaacgaa aactgtacag attgagccct actttttatt ggactccaca gactttgcct 120  
tcaaaagaaa cagcattttk aaacactaca caaatgcctt gcctgcaatc agcttcaact 180  
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<210> 12317  
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 <213> Homo sapiens

<400> 12317  
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 aaagcttttc ttttttaatt tccaggaaaa aataaaaaaga gtatgagtct tctgtaattc 180  
 attgagcagt tagctcattt gagataaagt caaatgccaa acactagctc tgtattaatc 240  
 ccc 243

<210> 12318  
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 <213> Homo sapiens

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 attaagggg 129

<210> 12319  
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 <212> DNA  
 <213> Homo sapiens

<400> 12319  
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 agcagggatg ggaagggtgga ggctactggt tgaagagaag aaaggggttg ggggaatgca 180  
 acacctgcaa acactagga ttgtgggtcg agcggaagag ctaatgagag ccgagctcag 240  
 gtatcccaag tcaaccagaa tcaaattgag agtacgccac aaggcattta atgcccacag 300  
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<210> 12320  
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 <212> DNA  
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<400> 12320  
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<210> 12321  
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 <212> DNA  
 <213> Homo sapiens

<400> 12321  
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cattgacact	ggaacacta	gttcccat	tttaactta	aaacaccacg	atgaaaagaa	180
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tgcagagggg	gggaaagg	gaaccaatcc	cccatggata	ccaaggcctc	tgaggaaaca	300
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a						361

<210> 12322  
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 <212> DNA  
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atgaagtctt	actacagaaa ttaagagagg aatcaagagc tgtctttcta caaagaaaaa 180
gcagagaact	gtagataat gaagaattac agaacttatg gtttttgctg gacaaacacc 240
agacac	

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 <212> DNA  
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ccactatgcc	atcctgcagc tgaaatggga aactggctgc cctctccaaa cccgctcttg 420
gcagagggat	ctggggaggtg gaagccaggc cagaggactt ggggaaaatg wkatggagga 480
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<210> 12324  
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 <212> DNA  
 <213> Homo sapiens

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atggtggccc	tcctgcagct tttccaccaa tattctggaa gggagggaga caagcacaag 180
ctgaagaaat	ccgaactsaa ggagctcatc aacaatgagc tttcccat
atcaaagagc	aggaggttgt ggacaaagtc atggaaacac tggacaatga tggagacggc 240
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<210> 12325  
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 <212> DNA  
 <213> Homo sapiens

<400> 12325

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 atataagtgt ctgatatatg ataacagccc agtttctcgg ccactcattt gcattatctt 180  
 aaatcacaaa taattactta atttgctgga gtgtgtgctt tgcaactttt rtaccagagy 240  
 aaaatttgta tttaaaacaa aaaataagaa tgcccatcac taggagaaac actcytcaca 300  
 gaaaacacac acacacacac acacacacaa tttaaaaact gagtaaattt aaatgtatga 360  
 nagtac 366

<210> 12326

<211> 377

<212> DNA

<213> Homo sapiens

<400> 12326

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 agaaataaat gtggggcccg gcatgcgggg aggggtgcac taccttccag gaagtgttat 180  
 ccagaagctc totgaaccca gtccttttgg gttttgatgg agacctcayt cwatagscat 240  
 gatgggttaa accatagget attggtgatc aactccacct gaggctctcc accctccctg 300  
 gaaattgggg ttgaggcttt gccattctca gtctgactaa aagaatttac ccaaacggaa 360  
 ttttaaaaca gatgagc 377

<210> 12327

<211> 351

<212> DNA

<213> Homo sapiens

<400> 12327

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 cgacccagct cgggtgctccg gggagggtcac ctgacgagga ggactgggag gtgctggtcc 240  
 tagggaagct caagtgggac ctggctgctg tgattgcaca tgatttcctg gccttcattc 300  
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<210> 12328

<211> 252

<212> DNA

<213> Homo sapiens

<400> 12328

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 acagcctgtc tcacctccc caccagacct gtgcagagac acagacactc aggggcaagt 180  
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<210> 12329

<211> 176

<212> DNA

<213> Homo sapiens

<400> 12329

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aatgaaaatg ctgaaaaaat aattggaagg gggaaaagta aagacagtaa tatgatgcct 120  
 ttgcttatga aagtgaacct caaactagac agtagctaac aactgaaata acagga 176

<210> 12330  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

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 gtctgggagg cactgtctac agcttgact cccttggtg ggcctccttc cccaggaatt 300  
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<210> 12331  
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 <212> DNA  
 <213> Homo sapiens

<400> 12331  
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 anccctggga ccgggaaatc taagctggaa acattgcc 158

<210> 12332  
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 <212> DNA  
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<400> 12332  
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 gcgcttcaat gcttgagact tttgtattgg aaacagaatt gacacctggg taatgaataa 180  
 tacatgggat aggaagatgt ttcttagcca taggatttaa ccgatctgtt ttccacagct 240  
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<210> 12333  
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 <212> DNA  
 <213> Homo sapiens

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 atggtgactg cagtggccag tgccctgtcc tccagatacc actgagcctc ttgcccataa 300  
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 <211> 276

<212> DNA

<213> Homo sapiens

<400> 12334

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tacaatggca	ggacgaacct	ataatgacct	tgacacagat	cctgtgtttc	cctggatttt	180
acaagattat	acttcggaag	agttggacct	taataaccct	gctgtatttc	gagatctttc	240
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<210> 12335

<211> 271

<212> DNA

<213> Homo sapiens

<400> 12335

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tgagacccaa	ccagacccca	actccagctc	ccagcaggag	gtggctgcgc	cacactcggg	180
aggcctcttg	gtttcagggt	ctctctgtct	ctctctcacc	ctcttcctcg	ctttctctgt	240
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<210> 12336

<211> 476

<212> DNA

<213> Homo sapiens

<400> 12336

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aagacagaga	agcttgccct	gttttccttg	ccccttcaaa	gaaaaggatt	tacagctcag	420
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<210> 12337

<211> 534

<212> DNA

<213> Homo sapiens

<400> 12337

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aagctgaaga	ctgaagaaag	ataagagaca	ttgactagtc	tggaaacagg	gacatctttg	180
gaacttcggt	ttcatccaca	gtaaactttt	gaagtgtcat	caattggaat	tgatttcttc	240
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tacatgaact	ttgtaggaaa	cagagccctt	aaagggcttg	ggaataacaa	gaagagattg	360
aagacagaga	agcttgccct	gttttccttg	ccccttcaaa	gaaaaggatt	tacagctcaa	420
amcttttagam	cagctgttgt	ccagcttttag	ccatcaagag	agaaataaat	taaaccacca	480
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<210> 12338

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 12338  
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 tgggtgggaga ggtatcggca ggggcagcgc tgccgccggg gcctggggct gacccgtctg 120  
 acttcccgtc cgtgccgagc ccaactcgagc cgcagccatg tctggggacg agatgatttt 180  
 tgatcctact atgagcaaga agaaaaagaa gaagaagaag ccttttatgt tagatgagga 240  
 aggggatacc caaacagagg aaaccagcc ttcagaaaca aaagaagtgg ag 292

<210> 12339  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 12339  
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 aatgtggcta ggccattttg ggggcactct tcctccaagc atgtttcgtt ccatcgtctg 120  
 aatcctgcaa gaaggtaact tcagcctcct gccagcatcc ttgggaaaga gattaacatc 180  
 tcagcatcca atgggactgt ttacctaata accctgactt tctcagtacg gtttctc 237

<210> 12340  
 <211> 228  
 <212> DNA  
 <213> Homo sapiens

<400> 12340  
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 tttggaggag taagcggcgt ggtagcgaag gtcgccgaac ccgcctggct agccggcgag 120  
 ttgagtggcg actcttttga aacagatggt caccatgttt agatattagc agtcccgtat 180  
 gtgcatgtct gcatttgaaa atggaagagg gaaacaacaa tgaagagg 228

<210> 12341  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 12341  
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 ggggtggtgg tcccagccag tttggtgctg acggtgagag gaaattagaa tctgtttgca 180  
 aattgtccaa cccacccct caacatgagg ggcttccatt ttctgtgtyy ntgtaaggga 240  
 actgtttcct tcatgccgcc atgttcctga tattagtctt gatctctttt taacaaatgt 300  
 tatcatgatt aagaaaattt ccagcacttt aatgg 335

<210> 12342  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 12342  
 gttttcaaac cagttgctag ttaaaggagc agcggatcgc gcatccgtaa gaatcagctc 60  
 taaccaaaca gcaaacgcgt tggccagagg gtgacttatt ccccatagc aaccctggc 120



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aaggcttatt tgacaaggaa gttcctgcgc tgctgtcct ctgagcatcc agaggccccc 180
tttgagactt cggcagcatt aaagtaaadc cagcaacggg gaggattcgc gtggacttgc 240
ttgtggagac aggaacctca g                                     261

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<210> 12343
<211> 258
<212> DNA
<213> Homo sapiens

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<400> 12343
gttcgggttc gccattttgc taggcagcgg cagtggcggc ggcagcggcg gctggagcct 60
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cgaggcacgg agtgtacctc acagccttct aggatctcca gaggggacag gaatctcact 180
tggagggacc atggagcagt atacagcaaa cagcaatagt tcgacagagc agattgttgt 240
ccaggcagga cagatcca                                     258

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<210> 12344
<211> 168
<212> DNA
<213> Homo sapiens

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<400> 12344
attcgggtgg cctggcagtt agctgagcac gccctctgag ccgctcgggtg gacaccaggc 60
actctagtag gcctggccta cccagaaaca gcaggagaga gaaganacag gccagctgtg 120
agaagccaag gacaccgagt cagtcattggc acctaaggcg gcaaaggg 168

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<210> 12345
<211> 903
<212> DNA
<213> Homo sapiens

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<400> 12345
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agaaagaggg gtgagagaga ggcagccggc gaggaagag cacagctgga ctttctcctt 180
gtttttatcc atttctgcag gatcatgtat tcataaggga tgaggcgggc cacggcgatc 240
ccaggcctga gccgcggcct acccagtcag ttcagagcca ggccctccac taccggaaca 300
gagagcgctt tgccacgac aaatcagcat ctttggttac acgacagatc catgagcatg 360
agcaggagaa cgagttgcgg gaacagatgt cagggtataa gcggatgcgg cgccagcacc 420
agaagcagct gatcgccctg gagaacaagc tgaaggctga gatggacgag caccgcctca 480
agctacagaa ggaggtggag acgcatgcca acaactcgtc catcgagctg gagaagctgg 540
ccaagaagca agtggctatc atagaaaagg aggcaaagg agctgcagca gatgagaaga 600
agttccagca acagatcttg gcccagcaga agaaagattt gacaactttc ttagaaagtc 660
agaagaagca gtataagatt tgtaaggaaa aaataaaaga ggaaatgaat gaggaccata 720
gcacacccaa gaaagagaag caagagcggg tctccaaaca taaagagaac ttgcagcaca 780
cacaggctga agaggaagcc cacccttctc ctcaacagag actgtactac gacaaaaatt 840
gtcgtttctk caagcggaaa ataatgatca agcggcacga ggtggagcag cagaacattc 900
ggg                                     903

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<210> 12346
<211> 372
<212> DNA
<213> Homo sapiens

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<400> 12346  
agagcaaggc gnaagtctgg aggacgctga ggggcggagg cgggagaggc gagctcgcga 60  
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aagcaatata gaaactgaag gagacagaga agatactgat caagaaacag gaatttttgg 180  
agcagaagat tcaacaggag ctacaaacag ccaagaagta tgggaccaag aataagagag 240  
cgtgaggcca ttgagaatgc cactaccaat gcagaagtcc ttcgtaccat ggagcttgct 300  
gccccaaagca tgaagaaggc ctaccaggac atggacattg acaaggtaga tgaactgatg 360  
actgacatca cg 372

<210> 12347  
<211> 288  
<212> DNA  
<213> Homo sapiens

<400> 12347  
tactgagtgt ggcttccaag aaatgttgca attcaaatg cactaagtct gtgatttatt 60  
ggagatttgg agattctaaa taatatTTTT aaaaaacttc catgcaactt ctgggtttaat 120  
gtttggcaac tccacatgat aaaaaataaa aaacagccca accgagtttc ggaattaagt 180  
attcttctag taagtgtatc aaacttgtaa tatttgccac aggactgrct tatttatcta 240  
ctagctagaa gctcttaagt tcacttgttt atcagggcat atacagaa 288

<210> 12348  
<211> 438  
<212> DNA  
<213> Homo sapiens

<400> 12348  
aatcgaaaaa aaaacaacga tatggcagga gccagtcttg gggcccgtt ctaccggcag 60  
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gctgcgcttt acttgctgag actcgccctt cgcagcccg acgtctggct gggacagaaa 180  
gaacaaccog gagccctgga accgcctgag ccccaatgac caatacaagt tccttgagct 240  
ttccactgac tataagaagc tgaagaagga ccggccagac ttctaagcca ggctgggctg 300  
ccagtgccat gcaagccaca gccagccagc ccatccactt cttccactcc tccccgcagg 360  
ccccaaggca tcaactccggc canccgtgct cgctactgct tacacaggcc ggggttcacc 420  
sanaggggar gctgctcc 438

<210> 12349  
<211> 477  
<212> DNA  
<213> Homo sapiens

<400> 12349  
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cctgcagggg cgggacccca ggaggagga gaggacagag ccactgcaga ggaccagact 120  
gggaaaacaa cgatatggca ggagccagtc ttggggcccg cttctaccgg cagatcaaaa 180  
gacatccggg gatcatcccg atgatcggct taatctgcct gggcatgggc agcgtgcgc 240  
tttacttgct cgcactcgcc cttcgagcc cgcagctctg gtaaaggcag cgggctccat 300  
cttgatcctt acacaaaatg acttcacgaa tcccttgctt aatttctgct ctacgaattc 360  
caacatcatt acaatctcca gcaccccccg ggggtttacc atgttggtca ggctgggtctt 420  
gaactctga cctcgtgatc cgcccgctc agcctccaa actgttgga ttacagg 477

<210> 12350  
<211> 127  
<212> DNA

<213> Homo sapiens

<400> 12350

acagctgcgc	gtctgcggga	ataggtgcag	cgggcccttg	gcgggggact	ctgagggagg	60
agctggggac	ggcgacccta	ggagagttct	ttggggtgac	tttgtataaa	gaaacagcct	120
ctgacct						127

<210> 12351

<211> 276

<212> DNA

<213> Homo sapiens

<400> 12351

gcggataaac	aggaagcggg	cggtggaggc	agcagcagag	ggagagctcg	gggcttggag	60
gggaaacagc	ggaagacctt	agattatcgg	gagggcagca	gagggcagaga	acgaggacag	120
gacccttggc	cgtcttcttc	cagggaaacga	gaggtcacag	cctcgctctc	cgcttaggct	180
tctggcgccc	cagcttaaag	ccgaggctgc	ggctgacaaa	gggctcgcg	cggtgccgcc	240
gcccttctca	tccgggcatt	cggttccttg	cggaga			276

<210> 12352

<211> 198

<212> DNA

<213> Homo sapiens

<400> 12352

aaataaacag	cggacggagg	ggccggcggt	ggcggancgg	agcaagcagg	ggttcggcgg	60
cattacctgt	acccattcac	cggcgggctac	cggcggcggc	gcgcangtgt	caggcggact	120
ttgaaaaagc	caagccccga	atggatcagt	atttcaacca	gatggaaaaa	atcattaaag	180
aaaagaagac	gtcatccc					198

<210> 12353

<211> 236

<212> DNA

<213> Homo sapiens

<400> 12353

cgaccaccgt	tgacctcgcc	atggccccac	gactcatcnw	gctctgcctg	gttcttcacc	60
ttctggcctc	cttgtcttta	cgtatatcga	cagcatagcc	ggccccacct	tgagtatgac	120
cgggcccggg	ccaaacagcg	gggacgtgga	accagactgc	tgtgctgtgc	cagtggagac	180
ttttggaact	gaggacagct	gaatgagggg	tagagtggcg	ctagggttca	ccagca	236

<210> 12354

<211> 442

<212> DNA

<213> Homo sapiens

<400> 12354

agacttcctc	cttcacttgc	ctggacgctg	cgccacatcc	caccggccct	tacactgtgg	60
tgtccagcag	catccggctt	catgggggga	cttgaacctt	gcagcaggct	cctgctcctg	120
cctctcctgc	tggctattgc	agttgctcta	cggttagccc	gggcgtgctg	gcagggatcg	180
tgatgggaga	cctgggtgctg	acagtgtctc	ttgccctggc	cgtgtacttc	ctgggcccgc	240
tggtcctcgc	ggggcgaggg	gctgcggagg	cagcgacccg	gaaacagcgt	atcactgaga	300
ccgagtcgcc	ttatcaggag	ctccagggtc	agaggtcgga	tgtctacagc	gacctcaaca	360
cacagaggcc	gtattacaaa	tgagcccga	tcatgacagt	cagcaacatg	atacctggat	420

ccagccattc ctgaagccca cc

442

<210> 12355  
<211> 150  
<212> DNA  
<213> Homo sapiens

<400> 12355  
taaaaaatac attttgtggt gattctatat acagtatcaa atagttcagt tttccaaact 60  
agatcatcca ttttctaaat ggtacgctgt tcttttttta aatggagata cagtttagcca 120  
gcaataaaaat gtcttaactg ttctccattt 150

<210> 12356  
<211> 90  
<212> DNA  
<213> Homo sapiens

<400> 12356  
cctttcggcc gctaccgcca ccgccaccgc caccgccgcc gagtgctgtc tctatggcga 60  
ggaggaggag gaggagcgcg agtcagcgac 90

<210> 12357  
<211> 361  
<212> DNA  
<213> Homo sapiens

<400> 12357  
aaccatcccc cctatacaca cacacacaca cacacacaca ccctgaaagg ctttccttgt 60  
cttaagcctc tgtgtatgaa acactctgga acccaccggc ctagggtgta gaacagcacc 120  
gaagttgcca gggccagggg tccagccatc ctgacctctg ctageccacc tgcaagggcc 180  
gatgttccca cgcaggaggc cccaggggagg tggtaactgag caaccggcca cacccaagga 240  
aacagctcag agctcaactt cctcctgaat taggccacac ccgaggcctc ccgggtctca 300  
tccacgcctc tgggtccatc actaaacagm aggcacaatc ccactaactc ttactccaac 360  
c 361

<210> 12358  
<211> 143  
<212> DNA  
<213> Homo sapiens

<400> 12358  
atattgtgttg astaggtacg tctacttagc catggcacga acaaagcaaa cagctcgcaa 60  
gtccaccggc ggcaaggcgc cgcgcaagca gctggccacc aaggcggctc gcaagasgct 120  
ccggccaccg gtggcgtaaa aaa 143

<210> 12359  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 12359  
acggtagggg agcagagyaa ctgcgcgctg ccggcctgac ctgcgtccca gccctgctgc 60  
ccagattcta ggctccaagc tcaggacctc aggatgggag atgaggagaa gcggaacagg 120  
gccatcacgg cccgcaggca gcacctgaag agygtgatgc tgcagatagc ggccacggag 180

ctggagaagg	aggagagccg	ccgtgaggca	gagaagcaga	actacctggc	ggasactgcc	240
cgccgctgca	tatcccgggc	tccatgtctg	aagtgcagga	gctctgcaaa	cagctgcacg	300
ccaagatcga	tgccgctgaa	gaggagaagt	acgacatgga	ggtgaggggtg	cagaagacca	360
gcaaggagct	ggaggacatg	aaccagaagc	tatttgatct	gcrg		404

<210> 12360  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 12360	
actttctcct	60
caagctcagg	120
aggcagcacc	180
agccgccgtg	240
cgggctccat	300
ctgaagagga	360
acatgaacca	389

<210> 12361  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<400> 12361	
aaaggaacat	60
aagtccaaga	120
tgactttggc	180
tcctctgcaa	240
tctcctccca	277

<210> 12362  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<400> 12362	
aactttttcc	60
acgcgcagat	120
aacaggatgc	180
ggccgcccgg	216

<210> 12363  
 <211> 96  
 <212> DNA  
 <213> Homo sapiens

<400> 12363	
aactttttcc	60
acgcgcactg	96

<210> 12364  
 <211> 150  
 <212> DNA

<213> Homo sapiens

<400> 12364

aggggtcacag	agtctggcgg	agtggaaaca	gcttggcccc	ggcaggagac	tagaagggct	60
ggaatctgtt	ttaggactgg	gattggagta	taacggggga	acggttaags	agctgnrgag	120
gaggrcwmna	gggaatggag	agaamtgagg				150

<210> 12365

<211> 436

<212> DNA

<213> Homo sapiens

<400> 12365

taaaatgttc	atgagggact	gaatactgaa	aactgtgaaa	tgtactaaat	aaaatgtaca	60
tctgaagatg	attattgtga	aatttttagta	tgcactttgt	gtaggaaaaa	atggaatggt	120
cttttaaaca	gcttttgggg	ggtacttttg	aagtgtctaa	taaggtgtca	caatttttgg	180
tagtaggtat	ttcgtgagaa	gttcaacacc	aaaactggaa	catagtcttc	cttcaagtgt	240
tggcgacagc	ggggcttcct	gattctggaa	tataactttg	tgtaaattaa	cagcnaccta	300
tagaagagtc	catctgctgt	gaaggagaga	cagagaactc	tgggttccgt	cgtcctgtcc	360
acgtgctgta	ccaagtgctg	gtgccagcct	gttactgttc	tcactgaaaa	gtctggctaa	420
tgctcttgtg	tagtca					436

<210> 12366

<211> 236

<212> DNA

<213> Homo sapiens

<400> 12366

agagagcctc	ggctaggtgt	ggaaacagga	agagaactag	aactggaagt	aaagcattga	60
agatgtgact	gaattgctgc	aatctcatga	tcaaatttga	atggatgagg	agttgctttt	120
tagggatagc	caaaraaagk	nggtttctyc	garatggaat	ctactggttg	ctccttgagg	180
gcmggacagt	tcttatggct	ttatccgttg	cttaagcaca	gagaggtctg	cgaggt	236

<210> 12367

<211> 454

<212> DNA

<213> Homo sapiens

<400> 12367

agagagcctc	ggctaggtgt	ggaaacagga	agagaactag	aactggaagt	aaagcattga	60
agatgtgact	gaattgctgc	aatctcatga	tcaaatttga	atggatgagg	agttgctttt	120
tagggatgna	gcaaagaaag	tggtttctcg	agatggaatc	tactggtgaa	gttgctgtga	180
acattgttaa	aatgccaata	aaggatttag	gaattacaga	aacctgggtg	ataaagcagt	240
gccaggtgtg	gagagagttg	acttcaattt	tgaaataatc	cactggctgg	gtgtgggtggc	300
tcacacctgc	aatcccagta	ctttaggagg	ccgagactgg	tagatcattt	gaggtcagga	360
gttcaagacc	agccttgcca	acatggtgaa	acccacctct	accaaattag	ccaggtgtgg	420
tgcacacctg	tagtnncagc	tacttgggaa	gctg			454

<210> 12368

<211> 338

<212> DNA

<213> Homo sapiens

<400> 12368

gagtttcttg	agggctgaac	acgtggaggc	aaacaggaag	gtgaagaaga	acttatccta	60
tcaggacgga	aggtcctgtg	ctcgggatct	tccagacgtc	gcgactctaa	attgccccct	120
ctgaggtcaa	ggaacacaag	atggtttttg	aaatgctgaa	cccgatacat	tataacatcc	180
cctgagcaca	ctcattgggt	caagggttgg	ggatacacac	ggcagaattc	ggaaacaggg	240
tatagatcaa	caaatacaag	cgcagagccg	aagtggttcg	ggagatcgag	aatctaagac	300
aggaaagggc	ctcagaaggc	tttaacttga	gactcact			338

&lt;210&gt; 12369

&lt;211&gt; 64

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12369

tgataataat	taaacaggac	gataaacata	aattgggaac	gtcccaggca	aactagaatg	60
aatg						64

&lt;210&gt; 12370

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12370

aaaaagaaag	cttgccccag	aggacttaaa	caggcaagaa	ggacttggtt	aaagactatt	60
gcaatagtc	acttccaata	caacagcagc	tgagagattta	tarcywacgg	gcntgggtnr	120
aaggagttaa	aggatgctaa	attactaaga	ggaagttaag	tatcaagagt	ggggggattg	180
ttactaaact	ggcttagctg	gattcttgct	gaagtgctgt	tcgcaggctr	kggaggaggc	240
ctggccaagc	aaaaagggct	cagaggagcc	tgactaaagc	ttggtctagg	gactccttgt	300
caggtgagac	tcccgggaag	ctccgatggg	cagctcacct	caaagagata	gttttgttgg	360
tgccagagtc	cgcgcccagg	ggaatcgggg	tggtctgggt	gtagctttcg	gcaacctgtc	420
gctttctg						429

&lt;210&gt; 12371

&lt;211&gt; 153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12371

aaaaatgtac	acgaaacagg	gaggaattgg	gagccctaag	taaaggctga	ggaagtgtct	60
ggagtttaga	agagagggca	ggagaaggaa	gagctagatg	ttgaagagga	ggaagcagag	120
ggattggctg	tcctaagagg	gacccaagcc	tgt			153

&lt;210&gt; 12372

&lt;211&gt; 635

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12372

ttttacagac	ttcacagaga	atgcagttgt	cttgacttca	ggtctgtctg	ttctgttggc	60
aagtaaattgc	agtactgttc	tgatcccgt	gctattagaa	tgcattgtga	aacgactgga	120
gtatgattaa	aagttgtgtt	ccccaatgct	tgagtagtg	attgttgaag	gaaaaaatcc	180
agctgagtga	taaaggctga	gtgttgagga	aatttctgca	gttttaagca	gtcgtatttg	240
tgattgaagc	tgagtacatt	ttgctgggtg	atttttaggt	aaaatgcttt	ttgttcattt	300
ctgggtgggtg	gaggggactg	aagcctttag	tcttttccag	atgcaacctt	aaaatcagtg	360
acaagaaaca	ttccaaacaa	gcaacagtct	tcaagaaatt	aaactggcaa	gtggaaatgt	420





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agcggagaaa cagtagttag gatggctgaa ggggatactc accggctgaa ggccgactgt      60
gattccccct acccccacaa ggcgattttg accccctgag ggctgctcta gaggactcag      120
gccccgaagc tgtcccaggg aggtccccgc tgcattccac caccgaagct gtgcctcatg      180
gagtcgatgt ttagcagccc tgccgaggcg gcgctgcagc gmsagaccgg ggtgcc          236

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<210> 12377

<211> 312

<212> DNA

<213> Homo sapiens

<400> 12377

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gaggggtggt tgtagtgggtg gcttaggaat accctcccg gctatcgcttc agtgggtaga      60
ggggaccact gcccagagagc tttaatggag ctgggtcctg ccktcgcgck gaggagccct      120
cgttttcgag atcaggcctg accgggataa gctccagaaa cagtattatg tctcagtcct      180
gtgcaaagtg agatgagctg tagcctttgg agacctataa ttttgaacat agntgttcct      240
taaaagctaa atctttttga acagatgatg ataaacctgg aagctgttct tgragactaa      300
ttagttacac tg          312

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<210> 12378

<211> 360

<212> DNA

<213> Homo sapiens

<400> 12378

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acccaagggt aaaaagagggt agcagggaaa acaaacttaa actctttgta tatggtgaaa      180
cccatccctc tctgcccctc taatggtatg ttacattat ttcggtatta tacaatgtag      240
tggtataaac agtattatta aactgaaggc ataagttaaa ggaagtatgt tactttgagc      300
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<210> 12379

<211> 294

<212> DNA

<213> Homo sapiens

<400> 12379

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asmstctctc ttattttcaa cttttatttt agattctagg ggtacatgta caggtttggt      180
actaagatac attgtgtgat gccggtggtt ggagtatgat tgaacctttc atctaggaag      240
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<210> 12380

<211> 438

<212> DNA

<213> Homo sapiens

<400> 12380

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ccccgcccc caacacacac ccatcccgcc ttgttctggt tctctccctg tcgttcgccc      180
tcatcccatt ctgctgagt aaacagtcatt ttagcaatt cgggacaaat ttctgtgctg      240
atacttactt tggcacttca cagttttggg taaggtagca ttgcttcacc atggctcttt      300

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gctgtgtgaa	tggtgtttac	ttttagtwgt	attgtgactc	cctttctgat	tcaaggggtc	360
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gttaaattgga	tagggctg					438

&lt;210&gt; 12381

&lt;211&gt; 222

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12381

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agtgttcatg	gcatttttt	tgctatggag	ttgtgaacta	attttaactt	tctaaaagga	120
aacagtccag	ctttgtgggt	aactagggta	gaaagcagca	gtttgcttta	tgcaaatgaa	180
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&lt;210&gt; 12382

&lt;211&gt; 358

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12382

acatcgaccg	gaactccccg	ccccctcccc	cggccccctg	ggcnnaggag	gccgcagcga	60
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gggacatttg	ggcgaccccc	gggcgggggc	aaccattaaa	cagtccctact	tctgtgccag	180
acactgaact	gggtctcttg	cgggcatcat	ctcttaatcc	tcagaacatc	ccagggagct	240
ccacaggatc	cccatatcct	gggccatgag	tgagtngaaa	gactgcccct	tgcagtkcca	300
cgacttcaag	tctgtggatc	acctgaaggt	ctgtccccgc	tacacggcag	tnctggma	358

&lt;210&gt; 12383

&lt;211&gt; 160

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12383

gacaaacagt	cgctaatttg	agaggaattg	ggatgcggcc	tggggctgctg	gggtacccgg	60
agaggtgggg	atggtttag	ggggctgcag	ggaagagttc	caggaggtgt	ctggacaagg	120
atttgatgga	tgtgcaagaa	ttggctgatg	cttaggaagg			160

&lt;210&gt; 12384

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12384

attttacgca	aataaacagt	gatactcccc	tatcagttct	ttgcctctca	gcaccctgct	60
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tattgaagac	aggatttata	ttctctactt	cttcttttag	aagcagatca	agaaactggc	180
gattgaagag	taactgaaag	aaacgcaatc	tgatcttact	agcagtgaaa	gagcgagtct	240
ccctctgatg	ccgagcagaa	gctagactgt	actgctgcc	tctcagctca	ctgcaacctc	300
ccc						303

&lt;210&gt; 12385

&lt;211&gt; 275

&lt;212&gt; DNA

<213> Homo sapiens

<400> 12385

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ctcaccacaa	cagaacatgc	agtactaaag	caatatat	gtgattcccc	atgtaattct	180
tcaatgttaa	acagtgcagt	cctctttcga	aagctaagat	gaccatgcgc	cctttcctct	240
gtacatat	ccttaagaac	gccccctcca	cacac			275

<210> 12386

<211> 91

<212> DNA

<213> Homo sapiens

<400> 12386

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<210> 12387

<211> 443

<212> DNA

<213> Homo sapiens

<400> 12387

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tcaatacnta	gakyttttaga	tatatmmaat	atagaatgaa	aattatrtat	tacaaagctc	180
ttaaaaataa	aatatacwww	gaccaaagtc	ttgattgata	ctttagttaa	ttaawratgt	240
gaagcattta	aracctttta	arataatttg	ttgttaaaaa	taatatttta	catttatgta	300
gtattwtgtw	gcttattgct	ttaatgtaaa	attacagtac	cattgctatc	ttaaaagtgc	360
tgaatgctgg	acgtgttctc	cattttacca	agtgagaaaa	taaagcaagg	arggtagaag	420
gaggtagant	agagattgac	ttt				443

<210> 12388

<211> 135

<212> DNA

<213> Homo sapiens

<400> 12388

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<210> 12389

<211> 200

<212> DNA

<213> Homo sapiens

<400> 12389

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agagccctag	attctgcaca	gggctttata	tggcatgtag	ggcaaggagg	aggctaagct	180
ccttaacttg	tatcatgtag					200

<210> 12390  
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 <212> DNA  
 <213> Homo sapiens

<400> 12390  
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<210> 12391  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<400> 12391  
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 gatgacactc acagggagcc actgttctact gacacttgga agcgggcatt gttaatatca 180  
 cgggcgtaac actttgaacg atatagagat gcacaaacag ttgaacttag aagtagcagt 240  
 attggcttta tgtaataaag ga 262

<210> 12392  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<400> 12392  
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 aactttttac agaaagcata catgataaac agtttatggg acttctcaga atcattwcat 180  
 aataagcaat ttatttagct taagttccaa cttactgttc ttattataaa ttgcaaagca 240  
 acctgtctta cattcttaca ttatcttaaa ataaatattt ctg 283

<210> 12393  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 12393  
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 ggtgacttta taaacataaa ggaatccaat tcctcctgtg aatgacaaac aacc 175

<210> 12394  
 <211> 156  
 <212> DNA  
 <213> Homo sapiens

<400> 12394  
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 ttgtggagca accacaatac accatcactc tagggc 156

<210> 12395

<211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 12395  
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 tagtgataca gagcgagatg gactagcccc agaaaagaca tcaccagata gagataagaa 180  
 aaaagagcag tcagaagtat ctgtttctcc tagagcttca aaacatcatt attcaagatc 240  
 acgatcaagg tcaagagaaa gaaaacgaaa gtcagataat gaaggaagaa aacacaggag 300  
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<210> 12396  
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 <212> DNA  
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 ccctagtgcac tgcggcctgc atcccgattg tcttctcctc caaggtctac atgattacct 180  
 gaagtttaat aagtaagacc 200

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 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 12397  
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 cggcctgcat cccggttaaga ccatgaatta tggcatttct taaatgaagc gttcaagaag 180  
 tgagagaatg tcatagaaaa taaatgattt ttaagttatg tctattaatc tgactgtaga 240  
 tatatatatt tacctcctta gtaatgcaag aagtgttngt gggaagcaga gaagcaagca 300  
 actgtatttc ttgttctcac ctaagcatta ctggagggat aagccacatc agtctacaaa 360  
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<210> 12398  
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 ctagttaatg aaagagcaag ataaattgtg gag 153

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gaacccagga	cacagaacaa	gggaggggaag	amaagctcag	ccttaaacad	agcaagggtga	180
aacctttgtc	ctggggaata	gtctggcccc	ctccttgga	ccacactcag	actcaatgga	240
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 <212> DNA  
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tattggctcc	atttaaaaaa tatattatta taaggctctg atttcagagc ctcagtcggt 180
cattatggag	ttgaaggctg ggagtaagg 209

<210> 12401  
 <211> 185  
 <212> DNA  
 <213> Homo sapiens

<400> 12401	
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tgggtgactg	cagagaacca taggcatttg aggacttaac agagatatgt tttatattga 180
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<210> 12402  
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 <212> DNA  
 <213> Homo sapiens

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ttaaaacggt	aacctgattg ggtagaaagc gctgtcccaa caggcgagtc ttcttcataa 360
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<212> DNA  
<213> Homo sapiens

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<210> 12405  
<211> 99  
<212> DNA  
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<212> DNA  
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<400> 12406  
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tagggcactg gatatgtcag atagccgtaa gc 212

<210> 12407  
<211> 380  
<212> DNA  
<213> Homo sapiens

<400> 12407  
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<210> 12408  
<211> 259  
<212> DNA  
<213> Homo sapiens

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acagtgaagca tattactgag gtaaccaggg cagtaatgtc aagacaaagg tcaggggttg 180

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<210> 12409  
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<212> DNA  
<213> Homo sapiens

<400> 12409  
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accaggaggt cttgctgcaa agccaggcac tgtattc 337

<210> 12410  
<211> 417  
<212> DNA  
<213> Homo sapiens

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gaaatatgca tgtactttat attttctata tttgtaactt tgcattgtct tgttttgtta 360  
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<210> 12411  
<211> 76  
<212> DNA  
<213> Homo sapiens

<400> 12411  
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<210> 12412  
<211> 426  
<212> DNA  
<213> Homo sapiens

<400> 12412  
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gtgattggag ttgtgcttca aaaatttcag aaattcagca gtattttatc tgccaacaat 240  
aagctcttta cttgattgca ccatgagaaa gctgctaatt agacttggtg agcacaaaaa 300  
tggacttgaa gaacaaaaag ccattgtttt caaatgaaga aactgaaca gttttaagcc 360  
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aatcaa 426



<210> 12413  
<211> 69  
<212> DNA  
<213> Homo sapiens

<400> 12413  
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gagtcattgg 69

<210> 12414  
<211> 267  
<212> DNA  
<213> Homo sapiens

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agttgcgagc gaaatcgga gagcctt 267

<210> 12415  
<211> 250  
<212> DNA  
<213> Homo sapiens

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gaaacccact gtctgtaatg gaacagtatc tgtacctgaa tacatagggg actgaaggca 180  
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<210> 12416  
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<212> DNA  
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tgcaaggaga taaccagaca gcagaattaa atgggtcctgt ctttttcatt ttttaatttat 600  
tgtcatatcat gggtttcata ttttataacg gc 632

<210> 12417  
<211> 93  
<212> DNA

<213> Homo sapiens

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<210> 12418

<211> 205

<212> DNA

<213> Homo sapiens

<400> 12418  
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<211> 378

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<213> Homo sapiens

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<211> 567

<212> DNA

<213> Homo sapiens

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<210> 12421

<211> 368

<212> DNA

<213> Homo sapiens

<400> 12421

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&lt;210&gt; 12422

&lt;211&gt; 504

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12422

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&lt;210&gt; 12423

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12423

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gacaattatt	caaaaaggcc	aatatttccc	aatttaattct	gaggtcataa	taaaacaagc	180
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&lt;210&gt; 12424

&lt;211&gt; 422

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12424

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&lt;210&gt; 12425

&lt;211&gt; 369

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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ttaagaatg 309

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<210> 12428  
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<212> DNA  
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<212> DNA  
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<400> 12429



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cgggtggaac tgcataaaaa tccggagaag ga 152

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&lt;210&gt; 12448

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12448

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&lt;210&gt; 12449

&lt;211&gt; 374

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12449

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&lt;210&gt; 12450

&lt;211&gt; 419

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12450

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&lt;210&gt; 12451

&lt;211&gt; 245

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <213> Homo sapiens

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gtgatataca	ttgtattgca	tttctgagca	gttatartat	taagatggtg	gggtggctta	300
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tggttagccc	tgtattccaa	atactgactg	aagaatgata	ttctctgatt	acatttggat	180
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tgatctatgg	atatgcaaac	ctctggagat	gatcctacca	gattctacat	acattgcata	180
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ccacagaga	agcagctggg agcttggaac cctggctctt tgaatttcaa acctgggttc 240
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<210> 12461  
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 <212> DNA  
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cgtcasgagt	tatggattac	tatgagacca	acagccagtg	ctccaagccc	ggaattgtct	420
tcctcgccaa	aagggggccat	tccgtctgta	ccaacccag	tgacaagtgg	gtccaggact	480
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<210> 12464

<211> 561

<212> DNA

<213> Homo sapiens

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<210> 12465

<211> 132

<212> DNA

<213> Homo sapiens

<400> 12465	
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<212> DNA

<213> Homo sapiens

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<210> 12467

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<213> Homo sapiens

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&lt;210&gt; 12468

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12468

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tctgccctcc	cctgcccttt	ttt				383

&lt;210&gt; 12469

&lt;211&gt; 196

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12469

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ggctttcttg	cggttgctta	aaaaagaggg	aaaattacaa	aaagagagaa	aaaaagttaa	180
tgcngtttgt	ttagcc					196

&lt;210&gt; 12470

&lt;211&gt; 406

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12470

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caaaagcccc	acggtagcac	attgtccggc	aggagaggag	cagaccacag	tccaagaaga	360
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&lt;210&gt; 12471

&lt;211&gt; 127

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12471

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cctggca						127

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accgtgaggg tacttgaact gtcaggggca tctgcctaaa ccagaatctt ttgtcagaaa 180  
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t 241

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<211> 503  
<212> DNA  
<213> Homo sapiens

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<210> 12475  
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<212> DNA  
<213> Homo sapiens

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ccagactcag ccagtgtgtc cccatgggta tccccagcca tccttgctca atccattact 180  
tatatactaa ctacataatg acctgttcaa accagactct atttaataaa ctgtgaattt 240  
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339

<210> 12476

<211> 293

<212> DNA

<213> Homo sapiens

<400> 12476

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<210> 12477

<211> 155

<212> DNA

<213> Homo sapiens

<400> 12477

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<210> 12478

<211> 193

<212> DNA

<213> Homo sapiens

<400> 12478

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aaacatcttc	cctggaaaag	agracgtatt	gtaaagaaag	tacatgaaat	tgaagggtga	180
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<212> DNA

<213> Homo sapiens

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<210> 12480

<211> 103



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 <213> Homo sapiens

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 tcatctgccc tctctacta ctgattcttc ccataatctc tgacccagc tagatcgctg 180  
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 catatcctcc atatggctga gacctcctgc gaacaaccat cactgacttg ccagacatga 180  
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 <212> DNA  
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<210> 12488  
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 <212> DNA  
 <213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 141

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 560

<212> DNA

<213> Homo sapiens

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1. The first step is to identify the problem. This involves understanding the situation, gathering information, and defining the problem clearly.

2. The second step is to analyze the problem. This involves breaking down the problem into smaller parts, identifying the causes, and determining the scope of the problem.

3. The third step is to develop a plan. This involves identifying the resources available, setting priorities, and determining the steps that need to be taken to solve the problem.

4. The fourth step is to implement the plan. This involves putting the plan into action, monitoring progress, and making adjustments as needed.

5. The fifth step is to evaluate the results. This involves assessing the effectiveness of the solution, identifying any remaining issues, and determining the lessons learned.

6. The sixth step is to communicate the results. This involves sharing the findings with the relevant stakeholders, providing feedback, and documenting the process.

7. The seventh step is to follow up. This involves ensuring that the solution is sustained, addressing any ongoing issues, and maintaining communication with the stakeholders.

8. The eighth step is to reflect on the process. This involves reviewing the entire process, identifying areas for improvement, and applying the lessons learned to future problems.

9. The ninth step is to seek feedback. This involves asking for input from the stakeholders, listening to their concerns, and incorporating their suggestions.

10. The tenth step is to celebrate success. This involves recognizing the achievements of the team, rewarding their efforts, and sharing the success with the organization.

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caggaacatg	gagctgatcc	aggacacctc	ccgcccgcga	ctggagtacg	tgaagggggt	180
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<210> 12527

<211> 506

<212> DNA

<213> Homo sapiens

<400> 12527

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acagaaaccg	acagggggcca	ggcgcccggg	ggctccgaag	cggggaagtg	ggacaagatg	180
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ttgataacag	atttcttctg	gggaatagct	gagtttgtgg	ttttgttttt	caaaactctg	300
cttcagcaag	atgtgaaaaa	aagaagaagc	tatggaaact	catctgattc	cagatatgat	360
gttggaagag	ggccaccagg	aaacctctcc	cgaagaatgg	gtagaatcaa	tcattctgcgt	420
ggccctagtc	ccctccaat	ggctggtgga	tgaggaaggt	aaatgtctgc	tctaagaagc	480
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<210> 12528

<211> 510

<212> DNA

<213> Homo sapiens

<400> 12528

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taggaccacc	agctttgacg	acctcattgc	gtgtgtgtcg	gcgcccagaca	gtctgcaaaa	180
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agaagacatt	cagaaagcag	atcttgttat	tagtcacgca	ggtgcaggaa	gctgtttgga	360
gactctggaa	aaaggaaaagc	cactcgtagt	ggttataaac	gaaaagttga	tgaacaatca	420
tcagctggaa	ctggcaaagc	agctacacaa	agaggggtcat	ctcttctatt	gtacctgcag	480
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<210> 12529

<211> 219

<212> DNA

<213> Homo sapiens

<400> 12529

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cccacctacc	attcttggaa	ccatggcggc	agtggcggcg	gcctcggctg	aactgctcat	120
catcggtctg	tacatcttcc	gcgtgctgmt	gcaggtgttc	ctggaakgct	gcatttactg	180
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<210> 12530

<211> 449

<212> DNA

<213> Homo sapiens

<400> 12530

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cccacctacc	attcttggaa	ccatggcggc	agtggcggcg	gcctcggctg	aactgctcat	120
catcggtctg	tacatcttcc	gcgtgctgct	gcaggtgttc	aggtactccc	tgcagaagct	180
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caactgaggc	cccagctccc	agccctgggc	ggccgtatca	tcaggtgctc	ctgtgcatct	300
cggccagcac	gggagccagt	gccgcgcagg	aatgtggggg	cccctgtgtt	ccctcgccag	360
aggagcactt	ggcaaggtca	gtgagggggc	agtagacccc	ggagaaaagca	gtaccgacan	420
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<210> 12531

<211> 186

<212> DNA

<213> Homo sapiens

<400> 12531

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cccacctacc	attcttggaa	cctcccaagc	ccaccctact	ccaaaawaat	gtgtcacttg	120
atttggaact	attcaagcag	taaaagtaaa	tgaatcccac	ctttactana	acactttctc	180
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<210> 12532

<211> 210

<212> DNA

<213> Homo sapiens

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 agagctataa gaacaatgct ctaaaccctg aagaaatgag acgaagaaga gaggaagagg 180  
 gcattcagct ccggaagcag aagcgagagc 210

<210> 12533  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

<400> 12533  
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 tttaactcca attgttttca ttgtatcctc tctcc 155

<210> 12534  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 12534  
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 ggtaaaaaat attgtatctg tattcattgt gaatcctgta gcttttctag ttaacaaaaa 180  
 atcgctttct aaaatactct taatcccatt gttttgggta acatcttacc catttgttgt 240  
 atttcaaatg ccattaatca ttttagtaca acacctatgt ttataaaaaat ttgaaaacat 300  
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<210> 12535  
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 <212> DNA  
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 ccgggaccag gaccgggccc cactttccaa tctgctgatt tgggtcctac tttaatgaca 180  
 agacct 186

<210> 12536  
 <211> 140  
 <212> DNA  
 <213> Homo sapiens

<400> 12536  
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 gctactgccg ctactgctgc 140

<210> 12537  
 <211> 262

<212> DNA

<213> Homo sapiens

<400> 12537

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tcccttgatc	tcaagggcgt	aactctggaa	gcacagcttg	actacacgtc	atttttacca	180
atgattttca	ggtgacctgg	gctaagtcac	ttaaactggg	tctttataaa	agtaaaaggc	240
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<210> 12538

<211> 270

<212> DNA

<213> Homo sapiens

<400> 12538

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tacaaggact	ttccccggcc	agagcaatgg	ccgctgagaa	cagcaagcag	ttttggaaga	180
ggagcgctaa	gctgccgggg	agcattcagc	ctgtatatgg	agcacagcat	cctcctcttg	240
acccacggct	cacaaaaaat	ttcatataag				270

<210> 12539

<211> 149

<212> DNA

<213> Homo sapiens

<400> 12539

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<210> 12540

<211> 202

<212> DNA

<213> Homo sapiens

<400> 12540

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gctgcaaaat	gaccaaattg	tgaagtcctt	aacatccagg	ttttcataat	gccagtactc	180
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<210> 12541

<211> 392

<212> DNA

<213> Homo sapiens

<400> 12541

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catcaacatt	cacaagcgca	tccatggagt	gggcttcaag	aagcgtgcac	ctcgggcact	180
caaagagatt	cggaaatttg	ccatgaagga	gatggggcca	ctacctgcaa	aacattttca	240
attttagatt	tggaatgttt	aatctaataa	ctcattttcta	caccaactac	ttttttccaa	300

tcacttttat ataaagcatc tgttttcagc atttgtccac taatgaacca tatcaagtat 360  
 atttttagtgc acaaacttca caaaagatga aa 392

<210> 12542  
 <211> 303  
 <212> DNA  
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<400> 12542  
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 tactgtttct cgtccactgc ctggaacgtc cctttttctt ctctgctctt tctcatatct 180  
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 ttggaatttt ataacatttt atttattaca actttcaaga tttttaaaac ttttttgtgt 300  
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<210> 12543  
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 tcgggtcaca gcatgctggc catagggatt ggaacctga tctacgggca ctggagcata 180  
 atgaagtgga accgtgagck caggcgccta caaatcgagg acttcgaggc tcgcatcgcg 240  
 ctgttgccac tgttacaggc agaaaccgac cggaggtagc accgcagggg ccaaggtrr 300  
 gaggtcactg gccggaaggc ccantnctgc agggcctgac ctgcatcccc gaaggtggcc 360  
 agaatgca 368

<210> 12544  
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 tcgggtcagt atcactctgc gccgggggtct cagagtctgg gcactcgggg ctcgggggcg 180  
 gggttccggg gacacaggcg ggcctcagtt ttcccggcgg tgtgaccgga ggcggaccgg 240  
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 ctctctcttc ttctcgtaac agcc 324

<210> 12545  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 12545  
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 gtagcagttg cagcaggatc aggcgcctgt cggcttctga cgtttaaaac aggggggagcg 180  
 gaagggagcc actggccgcn ntggcagg 208

004220" 556ET560

<210> 12546  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 12546  
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 gaggggcact atggcagaca aagttaggag gcagaggccg aggaggcgag tctgttgggc 180  
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<210> 12547  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 12547  
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 aaatgtttat ttctttgtgg gagttcttct atgggcactt ttttcgattt tggatgaaat 180  
 ggctattacg acagatgact gggaagtgtg aattgcagcg aatatttgat acctatgtag 240  
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 agaaggca 308

<210> 12548  
 <211> 213  
 <212> DNA  
 <213> Homo sapiens

<400> 12548  
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 agaggaggag gagaggcccc tgcagctggg atcactcaga gacactctcc taaccttctc 180  
 cttcaccatc tgggtgggaag aaggagcccc tga 213

<210> 12549  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 12549  
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 cccggccccct ggcttgcgct cccgaagagg agagcaaggc tgttctggga tccggccgctc 180  
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 gcgcgagggga gcatcgagcg caggangaca tgaggaccta ctggctgcac agcgtctgg 359

<210> 12550  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<400> 12550



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ttgccgggaa	accgaggtag	gagaccctgc	tggcaatgag	ctggctgagc	ctgagggctaa	240
gcggatccga	ctggaggatg	gacagacgg				269

<210> 12551  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 12551						
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ygtttggtgt	tgcgttatts	taactgctgt	ttgctgttgg	tgaycgttct	tctctagaga	180
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<210> 12552  
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<400> 12552						
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<210> 12553  
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<400> 12553						
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cacaggcgga	tgggcaatcc	cggaggcctc	tctaaggagg	cgacttctga	gcccagacct	300

<210> 12554  
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gatttgattt	cttgaaaccc	tctaggtctc	tagaacactg	aggacagttt	cttttgaaaa	360
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<210> 12555

<211> 343  
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<210> 12556  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 12556  
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 ggctgcatga gtcgaagcaa gcgtgtttcc ttcccgccag gcaagtgcc ttagaaaccg 180  
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<210> 12557  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<400> 12557  
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 caagcctcct caactatgac ctcaaccggc caggattcca ccacaaccag gcagcgaaga 180  
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 aaaaagg 247

<210> 12558  
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 <212> DNA  
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 caaccggcca ggattccacc acaaccaggc agcgaagaag taggcagaac cccagtcgc 180  
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<210> 12559  
 <211> 396  
 <212> DNA  
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taattgtcac	ccatgcttat	ggaaatcgaa	aaggcatccg	ttactcacca	gtggcctcaa	360
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<210> 12560

<211> 314

<212> DNA

<213> Homo sapiens

<400> 12560

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ccccactgaa	tggagactcc	tgggtctaca	gccctgagcc	cctccggccc	ctggacctcg	240
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<210> 12561

<211> 358

<212> DNA

<213> Homo sapiens

<400> 12561

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gtactagagg	agcctctttt	tcagggtgctt	agagaagtgg	aaggaatact	ctaaatcaat	300
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<210> 12562

<211> 390

<212> DNA

<213> Homo sapiens

<400> 12562

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aaactcaatc	gggcaacaga	aggatttctt	tttctttaac	cttgaactct	ctcagatggc	360
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<210> 12563

<211> 398

<212> DNA

<213> Homo sapiens

<400> 12563

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cctttcacta	acttaaattg	ttaacattgt	tgtgatattg	agaaagaata	ttaacctaaa	300
cagtcacttt	acaacaatca	tgtaaagacg	tgtgctgca	gttgagggtt	ttttgcattt	360
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<210> 12564

<211> 91

<212> DNA

<213> Homo sapiens

<400> 12564

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<210> 12565

<211> 315

<212> DNA

<213> Homo sapiens

<400> 12565

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<211> 311

<212> DNA

<213> Homo sapiens

<400> 12566

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<210> 12567

<211> 450

<212> DNA

<213> Homo sapiens

<400> 12567

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<210> 12568  
<211> 468  
<212> DNA  
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<400> 12568  
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<210> 12569  
<211> 401  
<212> DNA  
<213> Homo sapiens

<400> 12569  
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<210> 12570  
<211> 227  
<212> DNA  
<213> Homo sapiens

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gtggattgag ggggcgtggg agcggccttg atgaggaagg attggctggg ggctaacaga 180  
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<210> 12571  
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<212> DNA  
<213> Homo sapiens

<400> 12571  
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<210> 12572  
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<212> DNA  
<213> Homo sapiens

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<210> 12573  
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<213> Homo sapiens

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<210> 12575  
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<400> 12575  
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<210> 12576  
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<213> Homo sapiens

<400> 12576  
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126

<210> 12577

<211> 139

<212> DNA

<213> Homo sapiens

<400> 12577

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<210> 12578

<211> 502

<212> DNA

<213> Homo sapiens

<400> 12578

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ccrgtagtct	gcagctctca	acagaargga	ggcctggaga	aggtrctcct	ttctgcrctg	480
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<210> 12579

<211> 170

<212> DNA

<213> Homo sapiens

<400> 12579

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<210> 12580

<211> 287

<212> DNA

<213> Homo sapiens

<400> 12580

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<210> 12581

<211> 198

<212> DNA

<213> Homo sapiens

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<210> 12582  
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<400> 12582  
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<210> 12584  
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<210> 12585  
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 <212> DNA  
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<211> 222

<212> DNA

<213> Homo sapiens

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<210> 12587

<211> 365

<212> DNA

<213> Homo sapiens

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<210> 12588

<211> 200

<212> DNA

<213> Homo sapiens

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<210> 12589

<211> 430

<212> DNA

<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <211> 118  
 <212> DNA  
 <213> Homo sapiens

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<210> 12592  
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<400> 12600  
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 cctctgggtc tccctgacct cgcggccgga cgacccaagc ccgctgagca ggatgaggga 180  
 agacagagat gtcattgacct catgccaac cgaggcggca atggactagc tcctggggag 240  
 gacagattca aacctgtggg accatggcct catgttgaag gaggtagaagt ggacttagag 300  
 tctattagaa gaataaacia gg 322

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 <213> Homo sapiens

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 acctgtgtct gtcttgagct ggccagctaa actatgtgga ccagctact ggctatgtgg 180  
 tgctcacaca gattgcccac ttgcaaagag gtgaatgttg tggctctgcg tgcagacatt 240  
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<210> 12602  
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 <213> Homo sapiens

<400> 12602  
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acagagaata tactgacg

138

<210> 12603

<211> 346

<212> DNA

<213> Homo sapiens

<400> 12603

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taataaagat	ttgggaaaga	aattgggttc	tactgttggc	ctagtggcca	aggactgtgc	180
aaagaagatt	gtagcaagtt	cagcaatggg	attggttaat	aaggacattg	gaaagaaact	240
aatgagttgt	cctttggcag	gtctgatcag	taaagatgcc	ataaacctta	aagccgaagc	300
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<210> 12604

<211> 495

<212> DNA

<213> Homo sapiens

<400> 12604

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tttctagaag	taaaagtgc	aggctatact	agcaaagcct	tactcaagaa	tcatcagatt	180
cagaggctag	ggaaatactc	tatgttccta	gtttttcata	gccacggaaa	agaattaaga	240
gataatttaa	tctaccccg	taccatctgt	tcttatatat	ggaaatggga	cttaaaaaat	300
gacttgtcca	agatcattta	atagagtatg	gtaagcaaag	taacagtcca	aatgtgtgat	360
atcttttttt	taaattgtnt	ttgtgtaa	ttatggggta	cagtgcawtt	ttggttacat	420
acatggattg	cttagtggtg	aagttagagc	ttttagggta	ttcatcacat	gaataacaca	480
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<210> 12605

<211> 396

<212> DNA

<213> Homo sapiens

<400> 12605

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gccatgaagg	ggnaagaact	gtgtggccat	cgctgcagac	aggcgcttcg	ggatccaggc	180
ccagatgggtg	accacggact	tccagaagat	ctttcccatg	ggtgaccggc	tgtacatcgg	240
tctggccggg	ctcgccactg	acgtccagac	agtgtaaagt	tcaagggtcc	ccgcccacac	300
ccaggcctct	tcttggaaca	tccaaccccg	gcgtcttgac	cggccaagggt	gtcagtcac	360
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<210> 12606

<211> 142

<212> DNA

<213> Homo sapiens

<400> 12606

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 atattaggag gttatgtttt gctcagctta ctctgtgaga accacagccc tccryagtgg 180  
 atgcttccct gtgaggggtg gcgtctgctg atgcgagagc tgcttgagac ctgggctcct 240  
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 cttccctca cctccac 317

<210> 12608  
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 <213> Homo sapiens

<400> 12608  
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 tcaatataga ggtaaacctt gttgaaactt tgttttcaaa tttaatgaat gactttatat 180  
 atagttttgg ttttttaact atatgaatat atcacctata acaaagcaa atatttgttt 240  
 cacacatcca tctta 255

<210> 12609  
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 <212> DNA  
 <213> Homo sapiens

<400> 12609  
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 gagacaacmt tacccaagag gtcatggcag aatcaacagc ttgttttggt ttctttaaac 180  
 gggg 184

<210> 12610  
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 <212> DNA  
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<400> 12610  
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 cagtagcatt ctgaccacac ttgtacgtg taacctcatc tacttctgat gtttttaaaa 120  
 aatgactttt aacaaggaga gggaaaagaa acccactaaa ttttgctttg tttccttgaa 180  
 gaatgtgaca acactgtttt gtgattttat ttgtgcaggt catgcacaca gttttgataa 240  
 agggcagtaa caagtattgg g 261

<210> 12611  
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 <212> DNA  
 <213> Homo sapiens

<400> 12611  
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 caccaaccac cacctcctaa atcctgacag cactgtttgc ttcccagcta gacctgtgtg 120  
 agaggtgtct ggaaatcatg catggtgtat ttgggactat atcaacctat tctccacact 180  
 tcagacaact gtctgcactc acggcacaca cactttgtat catgcaggcc aactcagag 240  
 ctagtcatca caagaacagt ggtgcggtgm cagtctgtgt ccgttgtgat cacaggcctt 300  
 gctagaccct gatcatctgg ttctcctctc attaagcatc cctaaccctc agtcacacct 360  
 tcctcttaca 370

<210> 12612  
 <211> 503  
 <212> DNA  
 <213> Homo sapiens

<400> 12612  
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 caccacaaga ggcaactgagg gactcaggwn aacgggatga agccgtcagt gccccagaa 180  
 acgaagcggc cccggacgaa tttctgagtc accgtcgcga gaaagcgggc tgagccgcca 240  
 ttttgaagcc tggcaaaccg aagcaagaaa tgctgccgtg ttggatcttt gccagccttc 300  
 gtgccgaatg ggagcagggt ggagggaggg agagccaata tacactatgg gctgattaag 360  
 cccggttggc tgccatgttg ttaacgagca ccgatttctt ctactttngt cgaagaagtt 420  
 tattgtgggt cagggacgtc aggtcgcttg ccttcgttta ctgtggtcat gattgaktat 480  
 atgaggacgg ccattattgc tgg 503

<210> 12613  
 <211> 330  
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 <213> Homo sapiens

<400> 12613  
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 acgaggagga gataacgcgg ccttgggctc tgggtgtctc cagtctgcta aagccctaag 120  
 gccatcacca tggacttcca gcacgcgcc gggggcaaga ccgggagcgg gggcgtggcc 180  
 tctctctcgg agagcaaccg tgaccgcagg agcgcctcgg gcagctggcc ctggagacca 240  
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<210> 12614  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 12614  
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 gcaacaagaa acgaataaat ctctgacct tctcaggtgc agccagagag aactagccc 180  
 actgatggac ggacagacgt gggcagggtc cgtgtcacta aaccacccac cactgccaca 240  
 gctgcctaca acagacacat cagatgacac tccgggcaaa taaatgattt tactgagga 300  
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<210> 12615  
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<213> Homo sapiens

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 atgcagagaa aactacttaa cagctgcaga acaggatgaa gaaatgaatt attggctggg 480  
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<210> 12616

<211> 505

<212> DNA

<213> Homo sapiens

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 tatttrnnct attgtggaac atttgggact tcagatacgc ttttaacttga aatcaaggaa 420  
 tgtagaaaatc aggacttgta aagaaaccaa ggatgttagt gctctgacaa aagcagctga 480  
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<210> 12617

<211> 385

<212> DNA

<213> Homo sapiens

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 ttccgggcaa acgaccatca gcatatccgc tacaaccgc tgcaggatga gtgggtgctg 180  
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 gaggtaagcc tgtagagccc tgcattctga ggctgggcca cggggagtag ttccctctta 360  
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<210> 12618

<211> 454

<212> DNA

<213> Homo sapiens

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 ttccgggcaa acgaccatca gcatatccgc tacaaccgc tgcaggatga gtgggtgctg 180  
 gtgtcagctc accgcatgaa gcggccctgg caggggtcaag tggagcccca gcttctgaag 240  
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gagtaaggtc atgtgcttcc acccctgggc ggatgtaacg ctgccactca tgtcgggtccc 360  
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 cccttgggtg cagatctttg aaaacaaagg tgcc 454

<210> 12619  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 12619  
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 gtgaaaacag aaatgggtcc tccaccatct ccagcatccg tgtagtgatg catcctcaat 240  
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<210> 12620  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

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 ccggaccgga gcacgagcct gagcgggaga gcgccgctcg cacgcccgtc gccaccc 177

<210> 12621  
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 <212> DNA  
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<400> 12621  
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 agaaatggga cgtcgggtcat cagatactga agaagaaagc agaagcaaga gaaaaaagaa 180  
 aca 183

<210> 12622  
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 <212> DNA  
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 caaacgactt ccgatccagt ctgcgtgtt gcggctcccc tttgggattt gatttgcagc 180  
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 aaagc 245

<210> 12623  
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 <212> DNA  
 <213> Homo sapiens

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gccttctaca tcggcagcta ccagcagtgc ataaacgagg cgcacgggtg aagctrtaaa 180  
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<212> DNA  
<213> Homo sapiens

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cgcgacgggg cgcggggacg ctggggggcg aggcg 215

<210> 12626  
<211> 106  
<212> DNA  
<213> Homo sapiens

<400> 12626  
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ccggagytcg ggactgctaa ttccagcgaa acgattaaaa gacgcc 106

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<211> 313  
<212> DNA  
<213> Homo sapiens

<400> 12627  
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cagtcagggt ttctckctga gggacatctg gatggtcagc ccttcctgcg ctatgacagg 180  
cagaaacgca gggcaaagcc ccaggagacg tggcagaaga tgcctggga gctaagacct 240  
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atatcaakgg acc 313

<210> 12628  
 <211> 250  
 <212> DNA  
 <213> Homo sapiens

<400> 12628  
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 ggagccgcac 250

<210> 12629  
 <211> 248  
 <212> DNA  
 <213> Homo sapiens

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 aagagctgcc gcctctagat ccagaagaga tccggaaacg cctggaacac accgagcgcc 180  
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 gaagtaca 248

<210> 12630  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<400> 12630  
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<210> 12631  
 <211> 142  
 <212> DNA  
 <213> Homo sapiens

<400> 12631  
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 cgagaatctg aataaccacc gg 142

<210> 12632  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 12632  
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 tagctgattc ttttagattt tctaagtga cagttgtgca atgtgccc atataaaca 120  
 tcagttatat attgagtcac gagacctgtt aatgtctaac tgtctgcttt aatgaagggg 180  
 agtgtccctg agaacattca ggcactgac agtgcccaga ccacagggac tcccacctct 240  
 ggatgcgtcc agccggatcc acagaacagg gtcgtggtga ggatgaaacg cggatgatgaa 300  
 cataaagtgc 310

<210> 12633  
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 <212> DNA  
 <213> Homo sapiens

<400> 12633  
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<210> 12634  
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 <212> DNA  
 <213> Homo sapiens

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 agaaacgtgg ctttgggctg tggaaacgct gcctctgtgg aagtctctcc tcgcgggggt 180  
 ggacgggtcg ctgcgcgcc agcgttcttc tgcggttctc acagccc 227

<210> 12635  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<400> 12635  
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 gtctaccagt aagcccttga agggtttcgt gtgagctcga tttttttgtg cctgattttt 240  
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 gagacagcag caccagcggg ggcagagacc ccagacatca agctcttttg gaagtggagc 180  
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<400> 12637  
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 gcaagatagt ccaaattggga ggaaataatg gcaaattccac tgatgtcatt ggtgctgtca 180  
 cccatgagaa ggaaagtcc tactctctct gaggattgac tcagtcagca ttgacaccct 240  
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 gacccatctt tgtcgtttgg aaattcggtc cagtctaaaa tagaacgtct acggtctgac 420  
 agttatatta gtcagctgcc acttcccaga agcctacata attatttget ctatgaagac 480  
 gttctgagga tgtatgaagt tccagaactg gcagctattc aagatggata aatcagtga 540  
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<210> 12638  
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 <212> DNA  
 <213> Homo sapiens

<400> 12638  
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 gcgccgctca gaagaacaty gaccgggagt ctcttgggga tctgctgttc tctggagtca 180  
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<210> 12639  
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 <212> DNA  
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<400> 12639  
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 ccgagaagac ccagacacc gagggaggat gtgaaacgga acgaccggt tcgagtaata 180  
 acaggatgga gatg 194

<210> 12640  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<400> 12640  
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 aactcaacca ttaagcaaaa catgggaact cagtttatat gagttacaac gaacacctca 180  
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<210> 12641  
 <211> 410

<212> DNA

<213> Homo sapiens

<400> 12641

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gaagactaca	ggcttgga	ggtcgccagt	agcttatttc	gcggcgaaca	ccattccaga	180
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ccagaaacaa	gggcagaaaa	ggaaaaattc	tcaacctgg	gttaaagtag	cagatagaar	360
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<210> 12642

<211> 292

<212> DNA

<213> Homo sapiens

<400> 12642

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gtcgccagta	gcttatttcg	cggcgaacmm	cattccagag	gtggcaccgg	tcggctggcg	180
tccctcttca	gttctctgga	gccccagatt	caaccctgt	acgtgcctgt	gcctaaagga	240
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<210> 12643

<211> 132

<212> DNA

<213> Homo sapiens

<400> 12643

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raagraggaa	gg					132

<210> 12644

<211> 256

<212> DNA

<213> Homo sapiens

<400> 12644

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ctcctccctt	cggaccata	gatctcaggc	tcggctcccc	gcccgcgcga	gccccactgtt	180
gacccggccc	gtactgcggc	cccgtggcca	ccatgtccct	gcacggcaaa	cggaaggaga	240
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<210> 12645

<211> 156

<212> DNA

<213> Homo sapiens

<400> 12645

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cttcaccckg ccggcgaaca cacactgaaa gtctctg

156

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<212> DNA

<213> Homo sapiens

<400> 12646

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gcagtgtacg	aagaaggttc	ctgggagact	gtcagaaatg	agtttttcac	tgaacttcac	240
cctgccggcg	aacacagtaa	gtacagcagc	ccccattcac	caggcaacgc	agagaagacc	300
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<210> 12647

<211> 65

<212> DNA

<213> Homo sapiens

<400> 12647

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<210> 12648

<211> 188

<212> DNA

<213> Homo sapiens

<400> 12648

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tgagtaggtc	atagggcaat	tgtatgtttc	agttttgtga	gaaactatgt	tttaaaaaat	180
gcttctgg						188

<210> 12649

<211> 315

<212> DNA

<213> Homo sapiens

<400> 12649

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acatagcctt	cttctcgagc	cagggtcctg	gggaaacggc	ccagcggctg	tcaggcgctt	180
ttgccggtgt	acgggagcag	gcgctggggc	tggagccggc	cctggggccg	ctgctgggtg	240
tggcgacctc	tttgacctgg	acccagagac	accggccaac	gggtaccgca	gcctagtgc	300
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<210> 12650

<211> 210

<212> DNA

<213> Homo sapiens

<400> 12650

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 ctgaacttga tgcgatggga ggctgtgcag gctcgcggcg gcgcttttcg gattccgagg 180  
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<210> 12651  
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 <212> DNA  
 <213> Homo sapiens

<400> 12651  
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 ctgaacttga tgcgatggga ggctgtgcag gctcgcggcg gcgcttttcg gattccgagg 180  
 gggaggagac cgtcccggag ccccggtctc ctctgttggga ccatcagggc gcgcatttga 240  
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 bctagwgycc cs 312

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 <211> 305  
 <212> DNA  
 <213> Homo sapiens

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 tgggc 305

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 atcacgaaca ggtaactcca gaagatcccg gagctcagtt cttgattcgt actgggtctg 300  
 ttggccgaaa tagggctgaa gcctcttttg agcgagctca gaatctcaac cccatgggtg 360  
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<210> 12654  
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 <212> DNA  
 <213> Homo sapiens

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atatggaact	aaccacgccc	ctaactaaga	aggcacacct	tagttgcagt	tagcacacaa	300
ttaaagcaac	tctccakgtt	ttaccttaaa	gttcaaaatt	gctaggaggt	gaaactacta	360
gaaatatatt	tacatgcaag	agtcaaagaa	actttgaaac	tatttatggc	ctttaataat	420
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&lt;210&gt; 12655

&lt;211&gt; 105

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12655

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tgaccagct	gaggaaatac	tcttaattct	aaggaaaacc	tggaa		105

&lt;210&gt; 12656

&lt;211&gt; 283

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12656

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ttaaagatgg	aaaaaatgga	aaatctctgc	catttatgtt	gtgtgacact	atggggctag	180
atggggcaga	aggagcagga	ctgtgcatgg	atgacattcc	ccacatctta	aaaggttgta	240
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&lt;210&gt; 12657

&lt;211&gt; 347

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12657

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ggccggcgcc	ggggactttc	ttccgcctgg	ccagacagat	ccctgttttt	tgtttttcaa	120
aattcaraaa	gcattctccga	atatttgccc	agaggagtgt	gaaacatact	tccctggagt	180
tgtaagacgt	tcatcgyygt	gttatccttg	agtaaagaag	cgggcttttg	ccatgttgtc	240
caggctggtc	tctactcctg	ggctcaagca	gtcctcctgc	ctcagtctcc	caaagtgctg	300
gaattacagg	gaatgaactc	tggaaagcca	gccagggaca	atgcacc		347

&lt;210&gt; 12658

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12658

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ggccggcgcc	ggggactttc	ttccgcctgg	ccagacagat	ccctgttttt	tgtttttcaa	120
aattcagaaa	gcattctccga	atatttgccc	agaggagtgt	gaaacatact	tccctgggtct	180
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ccaggcagat	aagaaaacaa	ctataccctg	caggcc			276

&lt;210&gt; 12659

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 tgatactctc tgaggtggac tgggtcaccc gggagcttcc ggggtccgaa acggggacca 120  
 ctgatgaacg agtgggtgcag gagctgtagg aagtaacttt cagtattggt ttttaaaaaa 180  
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<210> 12660  
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<400> 12660  
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 cttcacgtag gaaacggtgc taggtaaacg gggcgagtgg gtgttttgta aatttaaaga 180  
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 <213> Homo sapiens

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<210> 12662  
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 <212> DNA  
 <213> Homo sapiens

<400> 12662  
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 tggatttga gcaacctaat ctctcgctca ggaagaaaa 159

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 <212> DNA  
 <213> Homo sapiens

<400> 12663  
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<210> 12664  
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 <213> Homo sapiens

<400> 12664	
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cgtaccctta	aacttgcagg atctgttcta actccagggtg attcctgccca gaggttgaact 180
gcaattcacc	agttgggtgt caatgaaccc cgaagccctt catactccac cataagagtc 240
ataccttttt	ttttttttt 259

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gtgaccgtta	ttggactcgc agaggggaaga gttgggtagc gtcccctact cacctagaag 360
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cgtacg	

<210> 12666  
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 <212> DNA  
 <213> Homo sapiens

<400> 12666	
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 <212> DNA  
 <213> Homo sapiens

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cctcggcaaa gcgattgctt ttgccataca tcgtgcttaa caaagcgtgc ttgaagactg 420  
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 gagtcacca 489

<210> 12668  
 <211> 395  
 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

<400> 12669  
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<210> 12670  
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 <212> DNA  
 <213> Homo sapiens

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 cctgtagaaa tttgatccct gtatccagag tgggtgcacaa cattctcacc caactggaga 240  
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<210> 12671  
 <211> 145  
 <212> DNA  
 <213> Homo sapiens

<400> 12671  
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<210> 12672  
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<213> Homo sapiens

<400> 12672

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gcag						184

<210> 12673

<211> 371

<212> DNA

<213> Homo sapiens

<400> 12673

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cccatrgact	cttagaaaag	gagaaagctt	tttytctgtg	gactgraagg	ggcrtttttc	180
atgatcacta	tttagatggg	tgctgttttc	ctgaggagag	tctgggaagg	cggcgtccgc	240
ttttctgaca	aggggaagagg	ctactttgtc	cttttaagga	ttcaatgact	tcctgacttg	300
gaggatgtgg	acctagtggc	tagaccaag	gaccaaagca	agaagtcgtg	gggggcccag	360
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<210> 12674

<211> 142

<212> DNA

<213> Homo sapiens

<400> 12674

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agcttttggt	aagtgtcact	gc				142

<210> 12675

<211> 193

<212> DNA

<213> Homo sapiens

<400> 12675

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ataaacaaca	ggcaaatgca	acaggagaat	ccagtctgga	aaaaaaca	ttgagacaca	120
tgtctgatac	acacaggtgt	ttgcgggtta	ttttgaaccg	gtctcatata	taagaacaat	180
tgcatgcatg	gga					193

<210> 12676

<211> 149

<212> DNA

<213> Homo sapiens

<400> 12676

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cagacacatg	caggccaacc	cagaaacca				149

<210> 12677

<211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 12677  
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 gaagtatatt ttgcattgck tttgagggga tnggtgggtt ataaaatgaa acatttgga 120  
 attaagtcac cttgctaaga gagtgttttt actgtagggtg cttccaatag tcctggtcag 180  
 cctaattctg tgaagagaaa gaaactacct gtagatagtg tctttaacaa atttgaggat 240  
 gaagacagtg atgacgtacc ccgaaaaagg aaactgggtt ccttggatta tggatgaagat 300  
 gataaaaatg caaccaag 319

<210> 12678  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

<400> 12678  
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 caggaaccaa cgatacgaga gcagtgtagt agctg 155

<210> 12679  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 12679  
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 ctgtggagct tggttcttcc gtrgtggtgc agcaccacag gaacttcagg aaccagtcct 180  
 tccttggaga gctccccggg acagccacgg gggccaagtg aaactagcgc gttttcttgg 240  
 atcctacact ttatagttag tcataaatac tttaaataca aagccaacaa catttgctgc 300  
 aaataaacgt aaaaatactg ttaaagtgtg aagtgttttc ctccgtacca tctgacgttt 360  
 ctggcggttc gttgaacgcg agagaacgct gagccgt 397

<210> 12680  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens

<400> 12680  
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 gaggcagaaa ttaatacaga ttcaagtgtt cactatcaag tcggaattgt taatatgtga 180  
 aatactactg ttaaaggcag gaaaggcttt attaaggaca agaagacaaa ctaggagaag 240  
 gagctactca agaccttccg attatcttta caaaaaggca actacaccta gaagattctg 300  
 cagccacaca cattctgcct tcaacttgagg tcaactgcct tcaccaaggt atccgttaca 360  
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 cagtggttga tgtgcgtttg gggntgctaa agctg 455

<210> 12681  
 <211> 387  
 <212> DNA

<213> Homo sapiens

<400> 12681

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ggacagttgt	gtccccaagg	aaggatgaga	atagctactg	aagtcctaaa	gagcaagcct	180
aactcaagcc	attggcacac	aggtgagaca	cctctatfff	gtacttctca	cttttaaggg	240
attagaaaat	agccaaagca	atgatgatta	tctatgttag	tgcttctctc	ccctcttttc	300
aaatgagaat	tttgctctca	tattgatact	aagttaata	ctgaagaaaa	tgtgaaaaca	360
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<210> 12682

<211> 628

<212> DNA

<213> Homo sapiens

<400> 12682

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ggacagttgt	gtccccaagg	aaggatgaga	atagctactg	aagtcctaaa	gagcaagcct	180
aactcaagcc	attggcacac	aggcattaga	cagaaagctg	gaagttgaaa	tggtggagtc	240
caacttgctt	ggaccagctt	aatgggtctg	ctcctggtaa	cgtttttatc	catggatgac	300
ttgcttgggt	aaggacatga	agacagttcc	tgatcatcct	tttaaaggta	tgagagagtcg	360
gcttgactac	actgtgtgga	gcaagtttta	aagaagcaaa	ggactcagaa	ttcatgattg	420
aagaaatgca	ggcagacctg	ttatcctaaa	ctagggtttt	taatgaccac	aacaagcaag	480
catgcagctt	actgcttgaa	agggctcttg	ctcamccaag	ctagagtgca	gtggcctttg	540
aagcwtacta	cagcctcaaa	cttctgggct	caagtgatcc	tcagcctccc	agtggctctt	600
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<210> 12683

<211> 290

<212> DNA

<213> Homo sapiens

<400> 12683

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ccggcctcac	ggraaaggta	gtttccasgt	tttgcgtsrk	akgcgggtccc	gggattttcaa	120
gggtctacgc	gcttttctat	ggcgaatgca	acccgacgag	ggagtgggct	gtatcttcag	180
agttgtctcc	gtctttccaa	gaacagaaca	aaatgaacaa	ggtagaacag	aagtcccagg	240
agtcagtatc	atttaaagat	gtgactgtgg	gcttcaccca	ggaggagtgg		290

<210> 12684

<211> 223

<212> DNA

<213> Homo sapiens

<400> 12684

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cgcgcttttc	tatggcgaat	gcaaccogac	gagggagtgg	gctgtatctt	cagagttgtc	120
tccgtctttc	caagaacaga	acaaaatgaa	caaggtagaa	cagaagtccc	aggagtcaat	180
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<210> 12685

<211> 214

<212> DNA

<213> Homo sapiens

<400> 12685

caactgaaaa aaacatatcc aaaataatga ggaaatgtgt ggctcactac gtagagtcca	60
gagggacagt cagtttttagg gttgcctgta tccagtaact cggggcctgt ttccccgtgg	120
gtctctgggc tgtcagcttt cctttctcca tgtgtttgat ttctcctcag gctggtagca	180
agttctggat cttataccca acacacagca acat	214

<210> 12686

<211> 257

<212> DNA

<213> Homo sapiens

<400> 12686

taaatatattt ctttgtccac atggggcgtt gaccttagag ttaaggcgtt tgcttttttg	60
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ttttatttgt cttgtaggga agaaatcttc ctttgaaccg cttttcttgc tttttccctt	180
tttcccaaac taggttacag gttcttatct gcaagggtca agttgcttag acattgtttt	240
ccagtattct gcagggc	257

<210> 12687

<211> 240

<212> DNA

<213> Homo sapiens

<400> 12687

agtctctgag cagccattga aggggaagga actgcgggtg tgtgtgtgta tgtgtatata	60
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ttaatactgt ttaaatgagt tttgatttta tatgagctgc taagaaacta taaagaatta	180
attatcatgg caattctttt tcaggatggt tcaacaatgc tcattgaagc tgcaaagggt	240

<210> 12688

<211> 63

<212> DNA

<213> Homo sapiens

<400> 12688

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<210> 12689

<211> 209

<212> DNA

<213> Homo sapiens

<400> 12689

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aaactatagt ctatatgcca aatccagtct actacctgtt tttgtaaata aagttttatt	120
ggagcacaat catgctcact tgtttactct atgactgctt tcatcatcca atgacagaat	180
tttcatagtt gcaacagaca ctgtatggc	209

<210> 12690

<211> 390



<212> DNA  
<213> Homo sapiens

<400> 12690  
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ggggagaacg gtgatgccac actcaatcag aaactatgct actgctgaag aggtatattg 180  
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atcctgcacc tgggttatcaa accattgtga agtcttgatt cctggatggc cagaaaactt 300  
gtcattgggtc aagagcaaca ttaagatctg cctgttactc atactgatgc ttctgcccc 360  
gcaagttcat cagagggcga ggatgaatta 390

<210> 12691  
<211> 299  
<212> DNA  
<213> Homo sapiens

<400> 12691  
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ccagagcttc ttcttgagg aaactcaaag ccaattgttg ggaagtatct gcgggggactg 240  
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<210> 12692  
<211> 479  
<212> DNA  
<213> Homo sapiens

<400> 12692  
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ttttttttca tgctgtcatt tgtaatatgt tttgtgagaa tccttgggat taaagttttg 180  
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ccattgttct tatcccatgg gaagcagttg gttacacgat tcttatttta tnagaaacag 420  
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<210> 12693  
<211> 254  
<212> DNA  
<213> Homo sapiens

<400> 12693  
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atgtttcagc tcaacaaggc ctgtgagggt gtcctatttc tccagtttta cgttctccgg 120  
tatgtcttta tcagcagcat gaaaacaaga ctaatacacc cccacaccat ggtaccgaag 180  
acgggacaca gctgctctac tgattaaatt caactgacgt gaggttgcag ctattctatt 240  
catatattca ccat 254

<210> 12694  
<211> 293  
<212> DNA

<213> Homo sapiens

<400> 12694

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ccttaggaca	taggtccagc	cctacagatt	agctgggtga	agaaggcaag	tgtctcgaca	180
gggcttagtc	tccaccctca	ggcatggaac	cattcagggc	gaagcctggt	atgtgggcac	240
aggagactca	gactgatttt	gttattttta	tatcagcctg	agtctcctgt	gcc	293

<210> 12695

<211> 512

<212> DNA

<213> Homo sapiens

<400> 12695

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acagaggaac	gagctgagct	ggcagagtcc	cgttgcgaga	gatggatgag	cagattagac	120
tgatggacca	gaacctgaag	tgtctgagtg	ctgctgaaga	aaagtactct	caaaaagaag	180
ataaatatga	ggaagaaatc	aagattctta	ctgataaact	caaggaggca	gagaccctgt	240
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ttgacctgaa	tgagatgtag	aacgccccag	tcccacctg	ctgctgctcc	tccctctgan	420
nmagactccg	cctgaggcca	gcctgcggga	agctgacctt	taactgaggg	ctgatcttta	480
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<210> 12696

<211> 278

<212> DNA

<213> Homo sapiens

<400> 12696

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gccaaagacc	agacagaaag	aagctttcag	tggttcgtggc	agcagaaaag	aatactaata	180
agtgttagtc	atccacagta	aattaaaaat	ataataataa	aggaaaatta	aactgctgtg	240
tgtttgggtg	tttgctctat	caccataaat	tcacaacc			278

<210> 12697

<211> 397

<212> DNA

<213> Homo sapiens

<400> 12697

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aaatcgctct	ggcgctgaaa	ggagcaggcg	ttggcaatgg	aaggaccacc	gcgacctcag	180
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agcatctctg	gatgtatctg	caggcgctcg	gcttcgagcc	aggcccggca	accattgcct	360
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<210> 12698

<211> 180

<212> DNA

<213> Homo sapiens

<400> 12698

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<210> 12699

<211> 397

<212> DNA

<213> Homo sapiens

<400> 12699

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ggttctgtcc	tcagccgcag	tccctgattt	ggagtgggtat	gagaagtccg	aagaaactca	180
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aggetgctgt	cagtttactt	gtgaacttct	aaagcatatc	atgtatcaac	gccagcagct	360
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<210> 12700

<211> 181

<212> DNA

<213> Homo sapiens

<400> 12700

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tgcaagcatc	tgccctgtgc	tcagccattc	agcttcaccc	agcaggacat	gccccaaactt	120
cgtcgacaga	tctacaagga	gctgtgtcac	tgcaaactca	ctgtgtgagc	ctcgtacccc	180
a						181

<210> 12701

<211> 344

<212> DNA

<213> Homo sapiens

<400> 12701

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catggcggcc	gtggagacgc	gggtgtgcga	gacagacggc	tgacgacgtg	aggccaagct	120
ccagtgtccc	acttgcacat	agctgggcat	ccagggtctg	tacttctgct	cgcaggaatg	180
ttttaaagga	agttgggcta	ctcacaagtt	actacataag	aaagcaaaag	atgaaaaggc	240
gaacgagaag	tgtcttccctg	gactgtggaa	ggtgatatta	atactgacct	atgggcagggt	300
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<210> 12702

<211> 418

<212> DNA

<213> Homo sapiens

<400> 12702

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taggttgtgt	gcttcgtatg	agaatcta	gccagatgat	ctatcattgt	ctcactttgc	120
ccccagataa	gaccatctag	ttgcagaaaa	ataagctcag	agcttccact	gattctacat	180

tatggatatg	tgccgccgaa	gcaagcacia	agccctactt	ttacacatgc	ctagtgatgc	240
ktcatggaca	aggcttggct	ctgttgagtc	carctaacct	acctgagatt	ctgagatttc	300
tcttcaatgg	cttcctgtga	gctagagttt	garaatatct	taaratctwg	wgctagagat	360
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<210> 12703  
 <211> 231  
 <212> DNA  
 <213> Homo sapiens

<400> 12703	
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tttctcaacc	attcctgccc acaacacccc agcttgctgc cagcaaagcc cctccacacc 180
cctcaaactc	cagacccttc acatcaattt actgttttct tcgacctcac c 231

<210> 12704  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 12704	
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taagaatatc	ataatcccag agtgatataa agacctttcc aaggaagatg agatacccg 180
aggctgtgaa	ggagaagtct gaaggatttg aacgcgttca aatgaaactt tggttcagca 240
aaacaccaga	aacaaattca aaagataaaa tacactccgg agaagcccat tctctcaacg 300
catctgacag	ttcacaaaga gcaactgcag tccaacttaa aaaataaaga aaatggtagg 360
aaaatgggca	acatgcactg ag 382

<210> 12705  
 <211> 220  
 <212> DNA  
 <213> Homo sapiens

<400> 12705	
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acttcacccg	agaagagtgg gctttgctgg gtcttgtca gaagaatctc taaaaagatg 180
tgatgcagga	aaccatcagg aacctggatt gtgtagtaat 220

<210> 12706  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 12706	
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ccgggcgaag	ggaacgcgcg ctcaccgtgc gcgctcgcgg ccgggtggta gtggcggagg 360
agaaaggggt	c 371

<210> 12707  
<211> 417  
<212> DNA  
<213> Homo sapiens

<400> 12707  
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<212> DNA  
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gtctcaccct tcccttgccct ggtatcattt tctcagttct cccaaaagcc atgtcccggc 300  
ccttgctcat caccttcacc cc 322

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<212> DNA  
<213> Homo sapiens

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<210> 12712  
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<212> DNA  
<213> Homo sapiens

<400> 12712  
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aaagactaaa gaaatttttc taaaggaccc catcatttaa aaaatggacc tgataaatatg 360  
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<210> 12714  
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<212> DNA  
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ctgcaatctg gaggcgtttg gaggtaccga ccaagaccat cactatgacc gatggagact 180  
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<210> 12717  
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<400> 12717  
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 cc 182

<210> 12718  
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 <212> DNA  
 <213> Homo sapiens

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 gtctctgcat gtggggagcc aaactctaga gaagacatca gtgaactgct gatttggagt 180  
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<210> 12719  
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<213> Homo sapiens

<400> 12719

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ggaaactcta	gccgtaagt	gcaccttgct	cctgcctgc	cgctcacccc	tcattacatc	180
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<210> 12720

<211> 556

<212> DNA

<213> Homo sapiens

<400> 12720

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acaatgatgg	ggcagcaagt	ggccaaagt	gtggaaagta	aaaatgtagc	cctaccaaaa	480
ggaactattg	tactggcttc	tccaggctgg	acaacgcact	ccattttctga	tgggaaagat	540
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<210> 12721

<211> 274

<212> DNA

<213> Homo sapiens

<400> 12721

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tagaaactct	gcaaattatc	agaagagaat	gtctcacaaa	taaaccaaga	tatgctggta	180
catctgagts	acacaagaag	tgtacagcac	tggaaactct	tgagcaggag	cataccagg	240
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<210> 12722

<211> 411

<212> DNA

<213> Homo sapiens

<400> 12722

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tgtacttatt	ttttctcttc	tttttgactc	tttattagtt	agatgttaga	catgttaggc	180
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gtctaagtgc	ttctatacag	gttttcacaa	tcctgttctc	tgctgcattg	ccacccttaa	360
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<210> 12723

<211> 426

<212> DNA



<213> Homo sapiens

<400> 12723

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cactgctccc	ccagcccca	actctgtttc	atcccagcas	ctaccttggg	cccaccttca	240
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ctttcctagg	acgcagaatg	aggtatagtc	tgtcacccca	attgaagctc	racatttggt	360
gagaatttct	agtttttact	ctgtaattca	gagatcttag	gaagaatttt	gtcttccatc	420
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<210> 12724

<211> 106

<212> DNA

<213> Homo sapiens

<400> 12724

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<210> 12725

<211> 364

<212> DNA

<213> Homo sapiens

<400> 12725

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ctctctcgga	agccggatcc	cgagccgggc	aggatggatc	accaccagcc	ggggactggg	180
cgctaccagg	tgcttcttaa	tgaagaggat	aactcagaat	catcggctat	agagcagccg	240
atgtcacttt	ccttttaggt	atagtcccaa	ataatccag	aagctttgat	agggattatc	300
tctctttctc	ttcccatgct	ccctcaaact	cttgcctcaa	tgttactctg	cggagagggc	360
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<210> 12726

<211> 391

<212> DNA

<213> Homo sapiens

<400> 12726

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atgtcacttt	ccttttaggt	atagtcccaa	ataatccag	aagctttgat	agggattatc	300
tctctttctc	ttccttgccc	tgagtgggaa	gaaacccacg	gtccacgtcc	tcaaaatttg	360
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<210> 12727

<211> 142

<212> DNA

<213> Homo sapiens

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aaagcttaaa ctcttgtaac ca 142

<210> 12728  
<211> 332  
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<400> 12728  
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agtggtagca gaccttgag gaggtgttca ttgaagtcca ggtgccgcca ggacgcgcgc 180  
ccaggatata cagtgcggcc tccagagccg gcatgtggcg ctgtcgggtg gcggccgcga 240  
gacatcaag ggcaaactct ttgattctac aatagctgat gagggaaacat ggactttgga 300  
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<210> 12729  
<211> 413  
<212> DNA  
<213> Homo sapiens

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<210> 12730  
<211> 427  
<212> DNA  
<213> Homo sapiens

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<210> 12731  
<211> 502  
<212> DNA  
<213> Homo sapiens

<400> 12731  
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&lt;210&gt; 12732

&lt;211&gt; 417

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12732

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&lt;210&gt; 12733

&lt;211&gt; 328

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12733

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&lt;210&gt; 12734

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12734

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taattttaat	tgctctaatt	ttcatagtaa	tcataaaaag	tatgcaagta	cctaatatat	180
aaactcaatt	gacactgtat	ctgtagaagt	aaatttttaa	tggctgggta	attatatcac	240
tacattttat	tgcaatatag	tactcattta	agcacttaaa	aatggma		287

&lt;210&gt; 12735

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12735

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<210> 12736

<211> 315

<212> DNA

<213> Homo sapiens

<400> 12736

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<210> 12737

<211> 245

<212> DNA

<213> Homo sapiens

<400> 12737

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atztatcatt	aaataaagaa	tatcagtata	gagataaaaa	ttataaaaaag	gataggaaca	180
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<210> 12738

<211> 181

<212> DNA

<213> Homo sapiens

<400> 12738

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agttgaagta	ttcttcccat	caaattatcc	tgagggagga	ctacagagcc	agtttaggaa	180
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<210> 12739

<211> 187

<212> DNA

<213> Homo sapiens

<400> 12739

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<213> Homo sapiens

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aacctgcttt gtcataaatg tacaaacgtt tgaacttaga gcgcascctt ctccgagcgg 180  
gcagaagcgc 190

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<212> DNA  
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taccaggggtg tgaacttgta tgtgaagaat ctggacgact ccattgatga cgacaaactg 180  
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cgccacangt gggcatgagg cctttggtga ggaagagcgt tgagggttac gatcctggaa 180  
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<212> DNA  
<213> Homo sapiens

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gtgtgccagg ccctgggttc aatgctctac atgcacktat akttcattta attctctctg 180  
caacctgaga tggatatagc acctcatttt acagagttga aactgaggct cagagactga 240  
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<213> Homo sapiens

<400> 12744

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ccagccgggt	gctccgagcc	atggccgaca	ccatcttcgg	cagcgggaat	gatcagtggg	180
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<210> 12745

<211> 445

<212> DNA

<213> Homo sapiens

<400> 12745

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gccgcccga	ccgcgcgcgc	aaactgaggc	tcttcaataa	gccaggcagc	agccaacctg	180
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<211> 440

<212> DNA

<213> Homo sapiens

<400> 12746

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<210> 12747

<211> 128

<212> DNA

<213> Homo sapiens

<400> 12747

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<210> 12748

<211> 261

<212> DNA

<213> Homo sapiens

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gacaatacag	tctgaatgaa	c				261

&lt;210&gt; 12749

&lt;211&gt; 604

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12749

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agatgttcat	aaatataaag	agcatcttat	ggatgtgttc	aaccttaata	gtaacccatg	540
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ccag						604

&lt;210&gt; 12750

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12750

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caccagagaca	agcatcctga	aaaccccaaa	gctggttaaga	acttaataaa	ggctacttct	360
caagaaaatg	agtagtat					378

&lt;210&gt; 12751

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12751

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tcttcttctt	cccccaaaaa	ccttttctct	ttcccttctt	tttttttctt	ttttgggagc	180
tgaaaaatgt	ccggtaaggg	aaagaagggc	tccttttctg	ccttatttcc	ccgcctcctt	240
ccctccccc	ccttcccc					258

&lt;210&gt; 12752

&lt;211&gt; 381

&lt;212&gt; DNA

<213> Homo sapiens

<400> 12752

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gaagagcatt	ctagctccaa	agattcctgt	gggttggtg	gggctgtcct	tggacctgta	300
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<210> 12753

<211> 264

<212> DNA

<213> Homo sapiens

<400> 12753

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actcatggat	agggcctggc	atggcaaact	gcctggacct	tccgcaactg	tccttaccat	180
caccctccaa	tcccagttcc	tgggagggaa	tccgggtctc	attccacca	tttctcctcc	240
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<210> 12754

<211> 78

<212> DNA

<213> Homo sapiens

<400> 12754

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<212> DNA

<213> Homo sapiens

<400> 12755

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gtcccttcta	taggcatgga	gttggcactg	acatcacagc	ttcataaccc	caccaccgcc	360
agcttccctt	gcctcctaca	tccagtctgt	tcttggtcat	rgtgagaatc	ctgtgttccc	420
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<212> DNA

<213> Homo sapiens

<400> 12756

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 a 181

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<400> 12790



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&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12791

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&lt;210&gt; 12792

&lt;211&gt; 161

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12792

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&lt;211&gt; 399

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12793

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&lt;210&gt; 12794

&lt;211&gt; 129

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12794

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 agtcag 186

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<211> 510

<212> DNA

<213> Homo sapiens

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<211> 463

<212> DNA

<213> Homo sapiens

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<211> 110

<212> DNA

<213> Homo sapiens

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<211> 212

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 12809

&lt;211&gt; 489

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12809

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&lt;210&gt; 12810

&lt;211&gt; 65

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12810

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&lt;210&gt; 12811

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12811

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&lt;210&gt; 12812

&lt;211&gt; 157

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12812

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 <213> Homo sapiens

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ggtaggtcag aaatggaatt tgtgtaactg ttagtattac agatatttat gttgttgtgt 240  
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cccgggagac acagtgtcag aattacaagg tgagatcagc cgcccggcca agctatcttc 180  
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agccgaagcc cttagactgc ca 142

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tctcaccaaa aaatatattga agaagaataa tctacgtgac tggttgcgcg tagttgctaa 240  
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ttaaatgtag	aaacttttta	cttccacact	cagtttttga	gaccctagaa	taaaaggctt	180
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&lt;210&gt; 12823

&lt;211&gt; 244

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12823

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tggc						244

&lt;210&gt; 12824

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12824

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&lt;210&gt; 12825

&lt;211&gt; 333

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12825

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cagcactctt	acagggtgcac	catgatactt	ttaatcagtg	ggcaatattt	gtcaagggtcc	300
cactgtgccca	tagccttgct	tagtgctgta	ggt			333

&lt;210&gt; 12826

&lt;211&gt; 131

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12826

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ttgtgatggc	a					131

&lt;210&gt; 12827



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 ccccaagccg gggcagtcct gattctgaat attcagcagc tcgctgaagt ttgtccctaa 360  
 aggcaaagaa acttctgcct cncaggggtca ctaggcgggc agccasacm accccagacg 420  
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 <212> DNA  
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<400> 12828  
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 acctggcaac caccaatgtg cttnkctgnt acacagattt gcctatctgg acatttcaca 180  
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aagtgaagcc	aaaagtga	gacaagatgc	agaaaaccgc	cacgggcctt	tgagggaaggg	180
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cccaaatct	agtgaactc	ccgag				565

&lt;210&gt; 12832

&lt;211&gt; 217

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12832

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&lt;210&gt; 12833

&lt;211&gt; 147

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12833

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tctccaaatt	ttcctgcgcc	cattccc				147

&lt;210&gt; 12834

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12834

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&lt;210&gt; 12835

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12835

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259

<210> 12836

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<212> DNA

<213> Homo sapiens

<400> 12836

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aattgaagaa	aggaaggyaa	tcattggatt	atacaactat	gcccataaaa	tgactcatgg	180
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aaagaagatg	atggaagaat	ttgtacccca	tagcaaggta	akaggcagtt	gttaggcata	300
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<210> 12837

<211> 345

<212> DNA

<213> Homo sapiens

<400> 12837

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ctgtgactgt	gatgagttca	gaaagatcaa	gtgaggagt	gactgtgggg	ggcggagact	300
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<211> 287

<212> DNA

<213> Homo sapiens

<400> 12838

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ggtgggcaag	agcagcaaga	tgctgcagca	tattgattac	aggatgagg	gcacccctgca	180
gggaaggaga	attacttgaa	cccgggaagc	agaagttgca	gtgagccgag	atcacaccat	240
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<211> 364

<212> DNA

<213> Homo sapiens

<400> 12839

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tcct						364

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<213> Homo sapiens

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&lt;210&gt; 12845

&lt;211&gt; 256

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12845

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ccagggtgtg	ggacattggg	ggtagtaagg	ctggaatggg	tagaggaaag	ggctaggggtg	180
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gagaacggga	aagaga					256

&lt;210&gt; 12846

&lt;211&gt; 130

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12846

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gagcctccct						130

&lt;210&gt; 12847

&lt;211&gt; 357

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12847

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&lt;210&gt; 12848

&lt;211&gt; 583

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12848

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<210> 12849

<211> 373

<212> DNA

<213> Homo sapiens

<400> 12849

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cttctgggga	ggagggagga	cccaggacaa	tggctgctgt	tcattgatctg	gagatggaga	300
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<210> 12850

<211> 411

<212> DNA

<213> Homo sapiens

<400> 12850

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aatgaagaaa	aaagagccag	tgggagatga	tgagtctgtc	ccagagaatg	tgctgagttt	360
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<210> 12851

<211> 573

<212> DNA

<213> Homo sapiens

<400> 12851

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 gggagggacg tccgacggag gcgccatctt taacaagggc tatttgggag gccatcttgg 240  
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 cggcgtctgg ggagcaccca ggcagcaaga cggggcccgg gctttcgaca gtggggagtg 180  
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 <213> Homo sapiens

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 grnccagaga tcaaaagatg aaaaggcagt cagggtcttca gttagccaaaa aacaaaaaaa 240  
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 aaaaaaatg gaggaatctg taaaccaaat gcagccactg aatgagaagc agatagccaa 240  
 ttctcaggat ggatatgtat ggcaagtcac tgacatgaat cgactacacc ggttcttatg 300  
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<210> 12864  
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 <212> DNA  
 <213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 12865

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<212> DNA

<213> Homo sapiens

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<210> 12867

<211> 208

<212> DNA

<213> Homo sapiens

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<210> 12868

<211> 149

<212> DNA

<213> Homo sapiens

<400> 12868

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<210> 12869

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<212> DNA

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&lt;210&gt; 12875

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12875

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&lt;211&gt; 158

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12876

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&lt;210&gt; 12877

&lt;211&gt; 315

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12877

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&lt;210&gt; 12878

&lt;211&gt; 133

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12878

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&lt;210&gt; 12884

&lt;211&gt; 513

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12884

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&lt;210&gt; 12885

&lt;211&gt; 345

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12885

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&lt;211&gt; 239

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12886

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gtaactcttt	tacatttctt	ttatgatctg	gcacttctcc	ccagctcctt	ccctctgcc	239

&lt;210&gt; 12887

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tctctacaaa ggcaatgatg ttgagtattt tatatcgtct agttcccat ctggtttata 180  
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tcaagattaa catgctgaga ctcggg 206

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tttcattcca agatgatcat gtgtctttgg aaagtgcgtt tacagtaaga ccacttcctg 180  
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<212> DNA  
<213> Homo sapiens

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gaag 484

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 <213> Homo sapiens

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 caaagacaga gagctcstat atatatctct ctgttttmc cagcggaccg tgcataaaag 180  
 gcgcctttcc tggcgctgtg gtctctgacc ctgtggatct tctggacaat tcccgaatt 240  
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 ccgagtacca ggacttgacg ttcttgacga agcaggagat cctcctagcc cacaggcggg 180  
 tttgtgagct gcttccccag gagcagcgga sktgagtcg tcaacttcggg cacaagtgcc 240  
 ctctgagcag attctcagcc ttccagagct caagggtgcaa gcgctccctt cctttgacac 300  
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 <212> DNA



<213> Homo sapiens

<400> 12896

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<211> 589

<212> DNA

<213> Homo sapiens

<400> 12897

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gtttctctct	tataatcaag	taactagaag	gggaaaaaat	catctaagtt	atgaaatcca	420
acataggcgc	tatattacaa	actgtgccgg	attatgcaaa	ttgtagtgtg	tactgatcaa	480
agtttaattg	cttcattttt	gtttaaaaag	ggatactgat	gtcagaaaat	ctgtaatatg	540
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<211> 281

<212> DNA

<213> Homo sapiens

<400> 12898

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gagcaagaac	ttcttacaga	aaggggagag	agggcatagaa	agaaacatgc	ccactggggg	180
agggaggcag	gcttgagcga	agttgggcgt	gggggacagg	ggagaagctt	ccggactggt	240
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<210> 12899

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<212> DNA

<213> Homo sapiens

<400> 12899

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gagcaagaac	ttcttacaga	aagaggagac	taagaaaagga	gtgagaaggg	agaggaactt	180
aagagtgtat	ttaggggag	gctttttgta	ggactggggga	caggggcagg	taaagacagt	240
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<210> 12900

<211> 164

<212> DNA

<213> Homo sapiens

<400> 12900

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 aatcctctgt gttctgcctg tttatctctc cttccccc tccc 164

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 <212> DNA  
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 caatcttacc atggacactg aaattcgcat agagtgtgag gcgtacgggt agaacattgg 180  
 gtacagtgtg aaagaccgtt ttcagggacg ttttgatgta aaaattgaag ttaagagctg 240  
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 aaaacctact agtcttgaac aaactgtcat acgtatggga cctacactta atctatatgc 360  
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 cccattttta ctgtaaatta tgattccgta actgacttgt agtaagcagt gtttctggcc 540  
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<210> 12904  
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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cttctccttt	ccaggcatgg	aaagcctggg	tttactctcc	catggacctg	aattccaatt	180
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<211> 154

<212> DNA

<213> Homo sapiens

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<210> 12912

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<212> DNA

<213> Homo sapiens

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<211> 373

<212> DNA

<213> Homo sapiens

<400> 12913

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agcaagaaga	aagacgtggc
agcaagcggg	agtcggggat
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	201

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	120
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 ctttcttttc tttttttt 138

<210> 12920  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

<400> 12921  
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<210> 12922  
 <211> 220  
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 <213> Homo sapiens

<400> 12922  
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 ggaaggaggc ggcgccatg gagttgggag agctgctcta caacaagtct gagtacatcg 120  
 agacgggtggc gcgggtccag atatgtatcs kcccttttc aaccctgcrw ccttttgagg 180  
 cmwggtcggc gttcccaacc tgcccttacc ccaccaaccc 220

<210> 12923  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 12923  
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 ttctcaatgg caaggctgga gtgcaatggc gcgatctcgg ctactgcaa cctccgcctc 240  
 ccaggttcaa gcgattctcc tgcctcagcc tcccagtag ctgggattac tgcagaccat 300  
 tgtgatgaat gnnnsqtatt atccgagggg atctggcaaa tgtaagagtt ggacgtcatt 360  
 gnnttgtaga aagtcg 376

<210> 12924  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 12924  
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 gccagctgcc caggaaaggt ggaaagtggg agaagctgac ccctgagccc tggcaggctc 180  
 ttaagtgcgt ttgtgcagcc gatttcaagg ctaagagaga aagactgcct ctgatccctg 240  
 aaggaagaaa aaaaaaaa 258

<210> 12925  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<400> 12925  
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 gttaggcgaa taatctggag agtaaagcaa attcttgtgc cttctttata ggttttgaaa 120  
 gtgacacaga ttcggaattt acattcaaga tgcaggatta taataaagat gatatgtcgt 180  
 atcgaaggat ttcggctgtt gagccaaaga ctgcgttacc cttcaatcgt tttttaccca 240  
 acaaaagtag acagccatcc tatgtaccag cacctctgag aaagaaa 287

<210> 12926  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<400> 12926  
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 tgagaatgga atatgggcag ctaggagcaa agactggatc ccacttgaca gcaggtcact 120  
 cagccaaagg ag 132

<210> 12927  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<400> 12927  
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 ctgctaagaa aggggtgcctt cgggagaaga gtgtccagag gataccaatg ccagatgcat 180  
 ctggagttac actcagcact cgcagtatga gacattgtgt gccagcatct ctttccttct 240

ggcaaagact	gtagctctcc	aggtaggagg	atcctggaag	ctgtgagcac	caggagcctt	300
gccagaggag	gatggggcca	gatatgaact	ctctaccatg	awnntgggtc	tcggcttatg	360
aaggaatttt	aagtaaaaca	rgttatttaa	tttccacata	ttcaaagtca	aaagccttct	420
gtgtgaagtg	ccagtgat					438

<210> 12928

<211> 291

<212> DNA

<213> Homo sapiens

<400> 12928

caaaaaggta	gtgtgatagt	ataagtatct	aagtgcagat	gaaagtgtgt	tatatacatc	60
cattcaaaat	tatgcaagtt	agtaattact	cagggttaac	taaattactt	taatatgctg	120
ttgaayctac	tctgttcctt	ggctagaaaa	aattataaac	aggactttgt	agtttgggaa	180
gccaaattga	taatattcta	tgttctaaaa	gttgggctat	acataaatta	ttaagaaata	240
tggattttta	ttcccaggat	atgggtgttca	ttttatgata	ttacgcagga	t	291

<210> 12929

<211> 358

<212> DNA

<213> Homo sapiens

<400> 12929

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ggactgtgat	tttcttttga	gactcctaga	ttttctgtgg	ttttgaactg	aatttggttg	120
atgttggtgaa	gtgcctctta	tgartctgtt	ctttatcctg	catttgcccc	acaaagactt	180
atctggaggt	gagnnaagta	tgtttggtag	tgaggtcaca	aaggcaatca	gccccttcct	240
ccccactccc	attgccatct	tctcagtcct	tctccctttc	tttccaagta	gtttaccac	300
ccctcctctt	tcttccccctg	tccttaaaat	aatccacgtg	tcttcctaaa	atctctct	358

<210> 12930

<211> 207

<212> DNA

<213> Homo sapiens

<400> 12930

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gtgggaggat	tgcttgaggc	caggagtttg	agaccagcct	gagcaacatg	ggcttctttg	120
agctgttcmc	ttctctaagc	cataatctct	tagtggattg	agccctcttg	gaaagacttc	180
tctgccatcc	ctttgcacct	gagagggg				207

<210> 12931

<211> 369

<212> DNA

<213> Homo sapiens

<400> 12931

cctttcggtc	caggcgggcg	cagggtgag	ccagcgacgc	cctccattca	ctctccgcgc	60
ccgttctccg	gctgtcctcc	cgttccgctg	cccgccctgc	caccatgacg	gaacaggcca	120
tctccttcgc	caaagacttc	ttggccggag	gatcgccgcc	gccatctcca	agacggccgt	180
ggctccgac	gagcgggtca	agctgctgct	gcagggtccag	cacgccagca	agcagatcgc	240
cgccgacaag	crgtacaagg	gcacgtgga	ctgcattgtc	cgcaccccca	aggagcaggg	300
cgtgctgtcc	ttctggaggg	gcaaccttgc	caacgtcatt	cgctacttcc	ccactcaagc	360
cccatcaag						369



<210> 12932  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 12932  
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 gctaatacca gagtcttgcg tggcagagcc attggcacca gaaattacaa gtacgtaaag 120  
 agaacatggc caagcgagtt gccattgtgg gngctggggc cagcggcctg gcctccatca 180  
 agtgctgtct ggaagaagga ctggagccca cctgctttga gaggagcgat gaccttgggg 240  
 ggctgtggag attcacca 258

<210> 12933  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 12933  
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 gacagcgctc caagctgggtg acagaccac tctgtaactt tcagctagat tcagccacca 120  
 gatcccagaa acatgaccct tgctgcctac aaagagaaga tgaaggagct cccgctgggtg 180  
 tccttgttct gctcctgctt cctggccgat cccctgaata agtcgtccta caaatatgaa 240  
 gcagaacact tcttgacctc gtgatccacc cacctcagcc tctcaaagt ctgggattac 300  
 aggcattgagc ctccacgccc agcctggcat ttgcattcta cttacaatgt tgagtacttg 360  
 tcttctgcaa gttactagaa 380

<210> 12934  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<400> 12934  
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 gacagcgctc caagctgggtg acagaccac tctgtaactt tcagctagat tcagccacca 120  
 gatcccagaa acatgaccct tgctgcctac aaagagaaga tgaaggagct cccgctgggtg 180  
 tccttgttct gctcctgctt cctggccaat cctttgaagt catcctgaag snaccctcct 240  
 ttgatggggg tcccgagttc aacgcctccc tgccaaggcg gcgagacca tccttggaag 300  
 agatccagaa gaaactagaa gcggctgagg agcgaaggaa gtaccaggaa gcggastcct 360  
 gaaacaccta gcagagaaaa cgggaacatg agagagaggt gatccaaaag gccattgagg 420  
 aaaacaacaa cttcatc 437

<210> 12935  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 12935  
 ataaaagcca aattaatcct acaatcaggt attatgtttt taaaccaagt tgagtgaatt 60  
 ggtagtggac ttgggaaatc ttccccagca gaatctggat gaatggcaca gaattgaaat 120  
 ctctttgttt ccaccattt ccctttaagt gctctgctcc tttgtaaaaa gttaaagatt 180  
 tgaaagagaa tctcatattc ccgaggcatt aggaagaaag gatttaatcc cttcaatttg 240  
 gggcttaatc ttgtttaaaa aaatgtaagt gaagatggaa ggctggagag aatgattgct 300  
 tttgtacag ttaaataagg t 321

<210> 12936  
 <211> 229  
 <212> DNA  
 <213> Homo sapiens

<400> 12936  
 cacatgctat gctatttgat ggaggtatat atamggtgct atagggggac aactaactca 60  
 gtgagagggc ttcccatagg agtaggtacc ttatctaagg ttctaaggac aggtaggatt 120  
 tcatcgatg agatgtacta gtaggggttg gagctgggag taacattttg gacagatgga 180  
 gcaacatgta caaagatttg agagatgaaa gagaatgaca agtttgga 229

<210> 12937  
 <211> 509  
 <212> DNA  
 <213> Homo sapiens

<400> 12937  
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 gctgggtccta gttcccgagg tcctagacta ggtctagatc actgggtaaa agaaggggag 120  
 cggcagcacg tatggggact aatctgtcac ggcggcgccc tacctcttct tccggcccgg 180  
 ctcgatcatg cggcgccctg agtagccact tccgcccctct tctggctaaa ttgcttcatc 240  
 cctatttccg gcttgccatg gcagcgctcg gggtttaacg gaagtaagca atggaaagta 300  
 tgggtggtgcc tcgggtccaa agagaatgcg ccgctgagtt gcgmggcacc tgamgggatt 360  
 gagcctcaga cacaagcgct ccaaattctcc gactgtarct gatctttcaa gactctagtc 420  
 aaaatgagca gaacattttg cagttaatca tarakttgaa gatgaamgag aagatgaacg 480  
 agagctactt gattgtgaac tagtaanga 509

<210> 12938  
 <211> 142  
 <212> DNA  
 <213> Homo sapiens

<400> 12938  
 aatacaccaa ctcttatggg ccaccattta aagagacatt ttcatagtgg acttcaatgt 60  
 aattgagtcc atgacccctt tgagaagggg ctgaactgac aagcctccct gagacagggtg 120  
 ccccatggaa tgctagtga ga 142

<210> 12939  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 12939  
 aactgtatga ttccccctcat caggcaacaa ggaactaata ctcgggggtt acaggaacca 60  
 ggggatgggc cagatatgga gaaagagacg cctctggcct tgggggctcg ttcttgaggg 120  
 aatcagcgtg atggggatga gaagggcatc tttggaacgg gggccttctc cataggaaga 180  
 ggagggcagat cccctggcca tatTTaaacc acagttctcc acgccacctg tgcgactcgg 240  
 gatccaacct ccccgacca gcccagtc aggtacctgg aacttagtcc gatcggtaac 300  
 cggcgactac gtgggggtaca ggtaccgagc gcgccccga cagacg 346

<210> 12940  
 <211> 229  
 <212> DNA

004220" 666E7566

<213> Homo sapiens

<400> 12940

aaggcaagag	aaccactag	gggatgagcc	cgaactaggg	atgtgacaga	gcgcgrgacc	60
cagcctaaag	agagcccga	gccagcgtgg	gaggccgctg	ccgtcgcgcg	ccttggtcgt	120
gctgcggttg	tcccattggg	gacttggegg	cgactgtccc	tgtgctggtt	tgcagtgtgt	180
gggttcattc	acctggtgat	cgagggctgg	ttcgttctct	actacgaag		229

<210> 12941

<211> 203

<212> DNA

<213> Homo sapiens

<400> 12941

aaggcaagag	aaccactag	gggatgagcc	cgaactaggg	atgtgacaga	gcgcgagacc	60
cagcctaaag	agagcccga	gccagcgtgg	gaggccgctg	ccgtcgcgcg	ccttggttga	120
cggcgttgca	cgctctcgcg	gggaggctct	ggctttccaa	acgctggcac	cgagggtttt	180
tctgttcctt	tttttttttt	ttt				203

<210> 12942

<211> 130

<212> DNA

<213> Homo sapiens

<400> 12942

aaggcaagag	aaccactag	gggatgagcc	cgaactaggg	atgtgacaga	gcgcgagacc	60
cagcctaaag	agagcccga	gccagcgtgg	gaggccgctg	ccgtcgcgcg	ccttggtttt	120
tctgttcctt						130

<210> 12943

<211> 170

<212> DNA

<213> Homo sapiens

<400> 12943

gcatcacagt	attaggatct	ttaaggagat	ctttaagaga	taagaaggca	ataaggtgta	60
aattaggttt	cagagactct	gtagaagaaa	gagagtatag	ggtctttttc	ttacatctta	120
gaaaaatccc	attcaaaaaga	tttaaaggct	tcttgtaaca	ttactttata		170

<210> 12944

<211> 220

<212> DNA

<213> Homo sapiens

<400> 12944

ccttgttattc	cattatttta	aaaaattatt	cttatgtcaa	tacatgtgat	catcataagc	60
cctttggtta	agggttatg	tggttgggat	gcaaatgaa	gtatttagaw	ataaactgat	120
atgaaattga	ggatgtggtt	ttaaatattc	caggaaaaaa	aataagtga	aggaataaat	180
caaacaaaat	tggcaaatac	tgctaaattg	ttgatgaggg			220

<210> 12945

<211> 394

<212> DNA

<213> Homo sapiens

<400> 12945  
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 ccttccaccc cgacggggac gctggagttt gaaggtgggg aagtgtctct ggaaggtggg 120  
 aaagttaaag ggaaacacgg gaagctgaaa ttcggtacct ttggtggatt ggggtcaaag 180  
 agcaaaggtc attatgaggt gactgggagc gatgatgaga caggcaagtt acaggggagt 240  
 ggggtgtccc tggcctctaa gaagtcccga ctgtcctcct ckntagcaa tgacagtggg 300  
 aataaggttg gcatccagct tcccaggtg gagctgtcag tttccacaaa gaaagagtag 360  
 caggcctttg tatgtgtgta catatatata tata 394

<210> 12946  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 12946  
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 tggagaagga ccaatttgc t aacaccaact gccagcttag aaataaatcc tccagccttc 120  
 agatgaccac agccctagcc tagacgtgac tacaacctgg tgagagaccc taatckagaa 180  
 ctgcccagcc aa 192

<210> 12947  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 12947  
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 acatggttct caacaagatg gccaaaggtg ctaaagagat tgatatacgca gcgacctgg 120  
 agcacttgag ggaccagaga cccggcatgg tccagacgaa ggagcagttt gagttcgcg 180  
 tgacagccgt ggctgaggag gtgaacgcca tcctcaaggc ccttccccag tgagcggcag 240  
 cctcaggggc ctcaggggag ccccyacccc acggatgttg tcaggaatca tgatctgact 300  
 ttaattgtgt gtcttctatt ataactgcat agtaataggg cccgtgcggg gccggganc 360  
 agaggttgca gggagccgag atcgtgccat tgtactccag cctgggtgac agagtgagac 420  
 tccg 424

<210> 12948  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 12948  
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 acaaaggcga gagaaggagc tgcggaagcr saggagaggg agcagcgccg gcactatgag 180  
 gagcagatgc gccgggagga ggagaggagg cgtgcggsa tgaacaggaa tacatcaggc 240

<210> 12949  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 12949  
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acccctgcag	tccccagagc	agaggccagc	aggggctgag	actatgaggc	aagcagccca	120
tgcacccagg	cctccttagg	accagcccag	ccacccagca	agcgaaagag	cagcagcaga	180
gagcagagcc	ggagataaag	gaccacagcg	gaccactggg	gatcaccccc	agcagctcct	240
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cacacaacga	caccgatgca	camagctgca	cgacactgac	acactcagat	acaaccaggg	360
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<210> 12950  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 12950	
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tccacgtccc	tctgacccca
cagcgagggg	cactggccgc
tggaaggcac	aagaaggggt
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ccttgctct	ccttgccctg
gactcacgga	ggtcaaagag
aggaacacgc	cg
	60
	120
	172

<210> 12951  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<400> 12951	
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ggtgctgttg	acttaatctc
gaagatctca	ggatggctgg
ctgatgccag	cagtcttacc
gggtatatttt	gtgagtggac
tggcagagga	ggttatggcag
aaagagccct	atcagctgag
aggactctga	cccttttttc
tcttggttagt	tttactgatt
gttatggcag	ttttaaaagt
agcagtcctc	acccttcacc
ttggaaaatc	ccac
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	180
	234

<210> 12952  
 <211> 222  
 <212> DNA  
 <213> Homo sapiens

<400> 12952	
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gagccaggct	cgcccacctt
aaagagccga	ccgcttgatc
ctcttgagtt	gcacgtttct
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gtagaaggag	cgccttgagt
tggacacccc	ctcgcgccaga
gcaccgagga	cctcaaattcc
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cccctctcac	cctcggttgc
ttgcatgata	tcccgggacc
cc	
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	120
	180
	222

<210> 12953  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 12953	
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aggcaggacc	atgacatcta
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ctgtgccgga	cactgcgctc
agccggtgaa	ggggcagaac
gtgcacctgta	gacctggcag
ctactggagg	gccttgacaga
gggcctctga	actttctccg
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ccttaggg	caccttcttt
	60
	120
	180
	240
	300
	327

<210> 12954  
 <211> 228

<212> DNA  
<213> Homo sapiens

<400> 12954  
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aggcggggct cggatgcaat cgggacctcc tcctggactg ggccggggggc ggactccggg 120  
acccagggcg ccgggagccg gcgggctacc tgcgagtcga gttagcggtg tcgccgaacc 180  
gaagtgaag ggcacgggga aggggtcaaag agcgtgccga agcgtctgg 228

<210> 12955  
<211> 356  
<212> DNA  
<213> Homo sapiens

<400> 12955  
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gagcgagggtc agcggggctg cgagcactat gacagaggat gtctcctaaa ggcaccttgc 120  
tgtgacaagc tttatacttg ccgcttgtgt catgataaca atgaagatca tcaactagat 180  
cgctttaaag tgaaggaagt gcagtgcata aactgtgaaa aaattcaaca tgcccaacag 240  
acttgtgaag aatgtagcac attgtttgga gaattattt gcgatatatg ccatttgttt 300  
gacaaagata agaagcagta tcaactgtgaa aactgtggaa tttgatttgt ccaaag 356

<210> 12956  
<211> 252  
<212> DNA  
<213> Homo sapiens

<400> 12956  
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aatgagaatt tctcagaatt tcattctagg caagttccac tcaacaccag atcaagcaat 120  
tctatctatt tacactatta gcctagtttt ctcatacagt catcacaagc ataggaagat 180  
acttcaaaac caaaaaaacc aagggtgcac attaatattc atttaattca aataccaaat 240  
agtttacata gg 252

<210> 12957  
<211> 408  
<212> DNA  
<213> Homo sapiens

<400> 12957  
cactctaccc catctccttg ccgggtcagc cctgacaaaag gtcagctagc cccttgagga 60  
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cattgagacc gtggtcacca ccttcttcac ctttgcaagg caggagggcc ggaaggatag 180  
cctcagcgtc aacgagttca aagagctggg taccagcagc ttgccccatc tgctcaagga 240  
tgtgggctct cttgatgaga agatgaagag cttggatgtg aatcaggact cggagctcaa 300  
gttcaatgag tactggagat tgattgggga gctggccaag gaaatcagga agaagaaaga 360  
ctgaagatca ggaagaagta aagccgcctg gctgagatgg ggtgggca 408

<210> 12958  
<211> 200  
<212> DNA  
<213> Homo sapiens

<400> 12958

aatttcgacc	tgtcctttcc	cgggagttag	cgatccctca	acccctgcac	tgcgctagtc	60
ctaaagagga	aatgtctcta	cgctgcgggg	atgcagcccg	caccctgggg	ccccgggtat	120
ttgggagata	tttttgcagc	ccagtcagac	cgtaaagtc	cttgccagat	aaaaaaaaagg	180
aactcctaca	gaatggacca					200

&lt;210&gt; 12959

&lt;211&gt; 409

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12959

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gaacggacag	aagatcagga	acaagttgag	ttcattgtgt	ggagatggca	rraagatgga	120
gattggtgag	ctgagtggag	aagtgccata	gagcgggtgt	ttgccagagt	gtctgcggat	180
tgctcatacc	tgggaaggat	tctttgtatg	gttcccttag	gctgagggag	ggtatcagct	240
ttacagacct	tgtgggatta	caaaagggcc	accacacact	cttcaaccaa	tatgtgtcta	300
tcttgcattc	aaggctcatt	ctttgttgaa	attttgcagt	tggtcactag	gctattgtta	360
tctccatctc	aaagtacaca	gacacacaca	cacacacaca	cacacacaa		409

&lt;210&gt; 12960

&lt;211&gt; 83

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12960

atgagacgca	ttacggagat	cccagagaca	gtcagccggc	agtgtctctaa	agaggacaag	60
gaggaggtga	cagctgtaca	cac				83

&lt;210&gt; 12961

&lt;211&gt; 382

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12961

ttcgagacca	gcctgggtggc	cagatggcct	caggccttgg	gctgggtgtga	ggattggggag	60
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tggatgggga	gtgctgggtt	aaccacaggt	gtttgccagt	aagcatgggc	ccaagagagt	180
tgagactatc	acaggagtga	gggtgctgtt	cctgttagaa	ggaaagagac	cgaggccagg	240
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ggggagaggc	tgagatgttg	ctcacagagc	tttgggagcc	ttgtgtgtgt	agagtggaat	360
ggcctcctcc	tgtgtgtaga	nt				382

&lt;210&gt; 12962

&lt;211&gt; 187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 12962

aagaccgcgg	ccgccgcagc	cgscgaaaga	ggcaaagtcc	cgcacgccgg	aggacatgcg	60
cctcggttag	cggccccggg	ccccaccacc	gtgcggcttt	ctccagatta	ttcctctctc	120
gctgtctctg	actgtcyctc	tctgtctctg	tctststctc	tctctctcac	acacacacac	180
acacaca						187

&lt;210&gt; 12963

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<212> DNA  
<213> Homo sapiens

<400> 12963  
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cgttgtccgg agtgcacctg ctgcctgttc tgtccctccc gggagcccc gccgctgtcg 120  
ccgtcgagtc gccatggaag tgcagaaaga ggcacagcgc atcatgacct tgctcgggtgtg 180  
gaagatgtat cact 194

<210> 12964  
<211> 115  
<212> DNA  
<213> Homo sapiens

<400> 12964  
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<210> 12965  
<211> 150  
<212> DNA  
<213> Homo sapiens

<400> 12965  
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ctttccatta catgagctgt ctcaaaaccc 150

<210> 12966  
<211> 439  
<212> DNA  
<213> Homo sapiens

<400> 12966  
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tccacctctt ctagaatctt gccctaattt ttctcttatt ttctaataatt tttaaactct 180  
tcttctctcc ctagatcctt gtctgtctgca ttcagataat gcacaaatct tctttatccc 240  
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gttgtctata tgtttctttt tctctttacc tacacacctt tagcatggta ttagagcatg 360  
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atctttgtca aattacttg 439

<210> 12967  
<211> 150  
<212> DNA  
<213> Homo sapiens

<400> 12967  
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acatgaatca tgctgtatct taaatcagga 150



<210> 12968  
 <211> 83  
 <212> DNA  
 <213> Homo sapiens

<400> 12968  
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 gctctggtag ccgccgcccc gcc 83

<210> 12969  
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 <212> DNA  
 <213> Homo sapiens

<400> 12969  
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 gagtttcatg ggaggatggg gcttggagag agatgagggg gggaaaacgg gggccgcat 180  
 gcatactcag cttccggg 198

<210> 12970  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens

<400> 12970  
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 gcccctgcac tcgatgcccc ttatccccc cgactacctc atcgaccccc agattctgct 180  
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 actgaacccc tccagtcggg acgagctcct gcagctgcta gacaccgcca ggctgaagga 300  
 gctgccgctg aagaccacgg cggasaggac agcatcctga gcctgtctgc ccgctgcctg 360  
 ctgctcactg gggnncgaca atgaagagct cattctgcga atccctacgc acgagatcgc 420  
 cgccgcctcc tacctgcagg acga 444

<210> 12971  
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 <212> DNA  
 <213> Homo sapiens

<400> 12971  
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 acgctaccag gagatctcca agcgaaacgg ggtttcacca tgttgccag tctggtctcg 180  
 aactcctgac ttcataatcc gcctgcctcg gctcccaaaa gtgctgggat tacagaactc 240  
 agcctcctcc caagctccct gtgggtccta gccacaagct ctccaacaat tactattgca 300  
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 tgggtgcagg caagccagca gagagctctg ctgtagctgc cactgagaag aaggcgggtga 420  
 ctccagctcc tccyataaag aggtgggagc tgctctcgga ccagccttac ctgtgacact 480  
 gcaccctcac ggncaaccga ctactttgcc tccttgratt tcctccaggg agaatgtgac 540  
 ctaa 544

<210> 12972  
 <211> 584

<212> DNA  
<213> Homo sapiens

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 atccctgtct aacctgctct tttctctttg gtgccccctta tctcaccctt tccttggaat 120  
 ttaataagtc tcaggcattt ccaattgtag actaaaacca ctcttagcat ctctcttagt 180  
 attttccatg tatcaggaaa gaggtgtctt atgtaggag gagggcaagta tgaagtaagg 240  
 taattatata ctactctcat tcaggattct tgctcccatg ctgctgtccc ttcaggctca 300  
 catgcacagg aatgctacat gatggccagc tgcttccctc cttgggtatc atccactgca 360  
 gctgctagtt agaaagggtt ggagggatga cttttagtaa atcatgggga ttttattgat 420  
 ttattttcac ttttgggatt ttgtggggtg ggagtgggga gcaggaattg cactcagaca 480  
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<210> 12973  
<211> 139  
<212> DNA  
<213> Homo sapiens

<400> 12973  
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 gakaaagtga acaacttcc 139

<210> 12974  
<211> 430  
<212> DNA  
<213> Homo sapiens

<400> 12974  
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 atggtaatag tagttcttat tctctaaggt tatatcatat gtaattttaa agtattttta 180  
 agacaagttt cctgtatacc tctgaactgt tttgattttg agttcatcat gatagatctg 240  
 ctgtttcctt ataaaaggca tttgtttgtg gagttaatgc aaagtagcca agtccagcta 300  
 tatagcagct tcagaaacat acctgaccaa aaaattccca gtaaccaggc atgatcaatt 360  
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 cattcaagtt 430

<210> 12975  
<211> 269  
<212> DNA  
<213> Homo sapiens

<400> 12975  
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 gattgcctga aagagtcggg acgggttcggg tgattgtgtt tcccggttag gactcgggtg 180  
 aggagatcca tcgaaccact cgctcaggag gatgccagcc cccatcagat tgcgggagct 240  
 gatccggatg gtccggacac cccgaaccc 269

<210> 12976  
<211> 287

<212> DNA

<213> Homo sapiens

<400> 12976

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tcaataaaaag	ttgactctga	ctggcaataa	atattgtttt	gtaaatgcat	gatgattatt	180
tttgccata	tttgacttag	tttcattagg	ctaataataa	ttggtactat	atgaaagtga	240
gtcaactaat	tataaaagat	tagaaatgtc	ttaggtgacg	atggggg		287

<210> 12977

<211> 231

<212> DNA

<213> Homo sapiens

<400> 12977

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caggtgaatc	aagcctgagg	gagacaacag	caaacgata	tgtgtcacia	agatgtctac	120
acggaactgc	caggggaatg	actcagtgat	caaaccctg	gacacaattc	ctgaggataa	180
aaaagtcaga	gttcagagga	cacagagcac	ttttgacca	tttgagaaac	c	231

<210> 12978

<211> 228

<212> DNA

<213> Homo sapiens

<400> 12978

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gtagtaacca	aataattttca	ctccagattt	gtgttttctc	tggcacagag	tagatctttt	120
ggkaaata	tatgaaagtg	gattaagtgt	gactaccctt	atgttagcca	catctggatg	180
agaacagtta	caaagagtgt	ggtctctaag	ttgatttgta	cccagtgg		228

<210> 12979

<211> 185

<212> DNA

<213> Homo sapiens

<400> 12979

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agtccactgc	tctcctcaag	aatttgagta	taatgcaaga	ttataactaa	agataaacgt	180
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<210> 12980

<211> 244

<212> DNA

<213> Homo sapiens

<400> 12980

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acgctatcta	taggcgacta	ttgtttcagt	gggttggtgt	ttataaagtg	ctaacaaggc	180
ttgagacata	aagatactat	tatttcaggt	gacactactt	ggtatgaatc	tgcagcttct	240
caca						244

<210> 12981  
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 <212> DNA  
 <213> Homo sapiens

<400> 12981  
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 gttctcatat gtaaatgata tggcctaaag atagaaccct cccccca 107

<210> 12982  
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 <212> DNA  
 <213> Homo sapiens

<400> 12982  
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 ccatagcatc ctcccatcag ctttgatact tactctctca ggatcatgat ttgctattct 120  
 ttataaggat catttttctc attatcagtc a 151

<210> 12983  
 <211> 223  
 <212> DNA  
 <213> Homo sapiens

<400> 12983  
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 aggaaggaaa gggaagggag gcaggctgtg gcaactggga tatagaataa agtgacagca 120  
 ggattagggg gaaattaawc cagggtggatc tgacctaatc tttgaaagat atgatggaaa 180  
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<210> 12984  
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 <212> DNA  
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<400> 12984  
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 gtcggagaga ctctggatct gcagagacat ctccgcgcag aggaggagcg ctcttgccag 180  
 cccctagcgt attgccagca actttccttt ctgccaggaa atcaacctac ctttctctgc 240  
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<210> 12985  
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 <212> DNA  
 <213> Homo sapiens

<400> 12985

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gttggtccgt	aagctttttt	gagatagttg	tyagcgtcta	aaagatgtcc	agggtgctgc	180
agaaggacgc	ggasag					196

<210> 12986  
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 <212> DNA  
 <213> Homo sapiens

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gactctctgt	gtattataag
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atttcagtgt	caagctaaaa
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	420
	441

<210> 12987  
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 <212> DNA  
 <213> Homo sapiens

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	cccacccmca
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<210> 12988  
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 <212> DNA  
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<400> 12988	
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	360
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 <212> DNA  
 <213> Homo sapiens

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tactgagcga	gtgtgcttga
cattgcagaa	aaaattcgag
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	aagacagAAC
	cagtcagcat
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	120
	180
	240

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254

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<212> DNA  
<213> Homo sapiens

<400> 12990  
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<212> DNA  
<213> Homo sapiens

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gcatcacaac ttacaatgct gctcattgtt gtgagtacta tgagattcar atttttctaa 180  
catatggaaa gccttttgtc ctccaaagat gagtactagg gatcatgtgt ttaasaaagg 240  
ctacgatgac tgggcaagaa gaaagatggg aaactgaata aagcagttga tcagcatcat 300  
tggaacatgg ggacgagtga cggcaggag 329

<210> 12992  
<211> 231  
<212> DNA  
<213> Homo sapiens

<400> 12992  
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ttggaacaaa gatgatcgagg aaggcagatt tgttcttaag aatgagaatg acgccattcc 180  
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<210> 12993  
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<212> DNA  
<213> Homo sapiens

<400> 12993  
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gctagtccgc ttctaccagc gtttcccaga agaaattcaa cagcagattg ttcgagagac 180  
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<212> DNA  
<213> Homo sapiens

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 gagcactggc ttgctttca tcaggccaaa gatgccttc ttgggaata cgttcagtcc 180  
 gaagaagaca ctcctcggga agtcggcatc tctctccaac ctgcattctt tggatcg 237

<210> 12995  
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 <212> DNA  
 <213> Homo sapiens

<400> 12995  
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 gaagccgcca tggaccagct ggccaagacc acccaggaaa ccatcgacaa gactgctaac 180  
 caggcctctg acaccttctc tgggattggg aaaaaattcg gcctcctgaa atgacagcag 240  
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 gcgccatc 308

<210> 12996  
 <211> 201  
 <212> DNA  
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 <212> DNA  
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<210> 12998  
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 <212> DNA  
 <213> Homo sapiens

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<210> 12999

<211> 179  
<212> DNA  
<213> Homo sapiens

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gccccactga agaggaggag gaggaagag 149

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<212> DNA  
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gcagaaagcc atggaccagc tggccaagac caccaggaa accatcgaca agactgctaa 300  
ccaggcctct gacacctct ctgggattgg gaaaaaattc ggccctcctga aatgacagca 360  
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tgaggagtgg acacttcagg aggagag 207

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<212> DNA  
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gccgggaatg aaatattctt gagttcttac aactttatga cgagacccat gtgtggtgct 180  
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<210> 13005  
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<400> 13005  
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 arttggtttt ttaactgaaa gattatttct agatgggtag tgctttgtgc tggtttctgc 180  
 ttccatatat ttcccagtc ttttaattag agaagatact ctatggtaga actaaggcct 240  
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 cacctgtgag acctgttctg aggaccagcc ctgtaccttt cccccataac aactttgaac 180  
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 tcctgcctgg gcctcccagg tagccgggac tatagggtgca caccactgtc cccagcttga 360  
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 <213> Homo sapiens

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<210> 13008  
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<213> Homo sapiens

<400> 13008

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agaaaaaat	gaccacatac	tttgcaatca	ggctgaaatg	tggcatgctt	ttctaattcc	180
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<210> 13009

<211> 372

<212> DNA

<213> Homo sapiens

<400> 13009

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catctggggg	ccactgcag	ataacaatga	agatgggtgc	aaaactgstt	tcntttgggt	240
aaagattggg	ctcccaaagc	atattataatt	tcctttaagt	tggagactga	ccccgccatt	300
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<210> 13010

<211> 380

<212> DNA

<213> Homo sapiens

<400> 13010

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atatactatt	ccattgcatg	aatattctgt	aattttattta	atccccctatg	gattgataat	180
taggttcatt	atagatagaa	gtgtaattaa	catttcctgta	catgtatttt	gctacttgtg	240
tgggtatttc	tgtaggatga	ataactagaa	atattattgga	tcagggtttca	catttgcagt	300
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<210> 13011

<211> 544

<212> DNA

<213> Homo sapiens

<400> 13011

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gctaatttat	tgacttggca	agggttatt	gttcttgaca	accctccata	tgataagggg	180
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tttaaaacaa	agatctatca	cccaaaccatc	gatgaaaagg	ggcagtaatc	cagtccctca	300
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actctaagg	ccgtwaaaaa	ttctgtaaga	atgctgaaga	gtttacaaag	aaatatgggg	420
aaaagcgacc	tgtggactaa	aatctgccac	gattgggttc	agcaagtgtg	agcagagacn	480
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cgsc						544

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<211> 155  
<212> DNA  
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atcaggtttag tgggtgtctgt cagctgtcta agtgg 155

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<211> 416  
<212> DNA  
<213> Homo sapiens

<400> 13013  
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ttgagcccga gttggtctcc tgggtcctttt gcagcagaca gaatgcttgt gcttggagat 180  
gccccccccc ttctctattt gcatgctggg cttctccaat ctgagcactt atcagtttct 240  
tcagtagaga tcacttactg aacaagtttg aactggcagc aaggacttca gggtcaggct 300  
tctggagatg ggtcttagct ccactgctta ctacgtcacc ttgggtgaaa gcaactcaca 360  
atactacccc aattcaaagg atgtgaaata cttccacact gttgatggca ggagct 416

<210> 13014  
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<212> DNA  
<213> Homo sapiens

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ttatggaggg gtggggaaaag caagatccct ttggagagga gctaacaggg tttcctgccc 180  
cagagctctg ccaccactca gatgcccaaga acctgccc 218

<210> 13015  
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<212> DNA  
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<400> 13015  
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cctccagacc tcggttttag tgctgtctcc gcttttcttt caccttcaca gagatgtctt 120  
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<212> DNA  
<213> Homo sapiens

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acatgcattt taatacccta aggaaaaatg gaacctcaca atataactcc tcccacaacc 180  
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agcaatgtta	ttgtctgtga	tttccagtct	ttgtcattt	tattatccct	gtcaaataat	360
gtaatatgg	tacctgcagt	tgaatttgta	atattgtaat	tgaattttt	agttgatctt	420
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<210> 13017

<211> 176

<212> DNA

<213> Homo sapiens

<400> 13017

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tttactccct	tttctacact	cagtatgttt	taattgatgc	aaagcaatta	attggc	176

<210> 13018

<211> 403

<212> DNA

<213> Homo sapiens

<400> 13018

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gttcgaatga	matttatgtc	actgatccac	ggtagagttg	acaaagggaa	gaagaagacg	180
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gcaattcacc	ctggtgctgg	atatgaaggc	atttcagaat	acaaatcagt	agtctattac	300
caagtcaagc	agccctggtg	gtatgagact	gtcaagggtat	ccattgctat	agaagagtca	360
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<210> 13019

<211> 361

<212> DNA

<213> Homo sapiens

<400> 13019

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cagctttatg	agagtaaacac	tcaccttcac	aaagggtctgc	agcttcactc	ccgaggtcag	180
cgagaccacg	aactcacagg	aaggaatgaa	gaactgcaga	cgcgctgcct	ttaagagtgt	240
gacactcact	gggaagggtct	gcagcttcac	tgctgaagcc	agtragacca	ggaacnnamm	300
gggaggggatg	aactactccg	gaaggaacca	acaactccag	acgcgctgmm	tctaagagct	360
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<210> 13020

<211> 336

<212> DNA

<213> Homo sapiens

<400> 13020

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ggaggactca	gaaccaagga	tttccaagtg	atctcttcca	aagcacagga	atctcactct	180
gttaaagctg	gtctgttcta	actgagatga	cagtcagtgc	cctttccagg	gacctcaagg	240
acgactttca	cagtgcacag	gtactctcca	tcttaaatga	gcagcgcatc	cggggcattt	300

tatgcgatgt cactatcatt gtggaagata ccarat

336

<210> 13021

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<212> DNA

<213> Homo sapiens

<400> 13021

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agctccaagt	cctcacacag	atacgctgt	ttgagaagca	gcgggcaaga	aagacgcaag	120
cccagaggcc	ctgccatttc	tgtgggctca	ggccctact	ggctcaggcc	cctgcctccc	180
tcgggaangc	cacaatgaac	cggggagtc	cttttaggca	cttgcttctg	gtgctgcaac	240
tggcg						245

<210> 13022

<211> 145

<212> DNA

<213> Homo sapiens

<400> 13022

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tcattgaagt	tttactacac	tacaatacca	tattatacga	gttactcaaa	gcacctaattg	120
agaagtgcga	gtcttataaa	ctaag				145

<210> 13023

<211> 382

<212> DNA

<213> Homo sapiens

<400> 13023

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cggcaacccc	aaagcacctg	ttaagactcc	tgaccccaag	tgcatgcag	cccccatgcc	180
caccgggacc	tggtcagcac	agatcttgat	gacttccttt	ctagggcaga	ctgggagggt	240
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<210> 13024

<211> 108

<212> DNA

<213> Homo sapiens

<400> 13024

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<210> 13025

<211> 336

<212> DNA

<213> Homo sapiens

<400> 13025

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atgacattcc	aattaaagca	cgtgttagac	tgctgacgcg	ggtgatgcga	actggagtct	180
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tatcactctc	gttctttag	ctcccagccg	aggacgtcgg	atgtcatcgt	ccttgctgct	300
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caaagcacta	ggtaaatata	attatatttc	tctctct			157

<210> 13027  
 <211> 159  
 <212> DNA  
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<400> 13027						
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<210> 13028  
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 <212> DNA  
 <213> Homo sapiens

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ttagcaangt	aattggaagt	gaaagcactt	tcgcaattgt	agtacactat	tccttaagag	180
gtaaatgcta	tgcccccaaa	tgatagaatc	ggagttggca	ttttatgaat	tgctctgaaa	240
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<210> 13029  
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 <212> DNA  
 <213> Homo sapiens

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agcagaactg	agtttcaaat	tacaacctta	aaattgtkg	tagatatctc	ttcacatctc	180
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gccattccca	acccccttct	cccttacc				268

<210> 13030  
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 <212> DNA  
 <213> Homo sapiens

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ttttgctgta taagattcaa gatttttagt tcttcagaat ccaactccgt tttttggtga 180  
gtaaacccac ggcacctctg ccaattcatc acccctcaga gatgccaccc cagccc 236

<210> 13031  
<211> 633  
<212> DNA  
<213> Homo sapiens

<400> 13031  
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<210> 13032  
<211> 266  
<212> DNA  
<213> Homo sapiens

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cgccgatcct gtaaagagtg gtgtgt 266

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<211> 358  
<212> DNA  
<213> Homo sapiens

<400> 13033  
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<210> 13034  
<211> 198  
<212> DNA  
<213> Homo sapiens

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 <212> DNA  
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 ggacgataat agaaggattc aaatgctagc agtgagtttt tattagacta ggtatgtata 240  
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 <213> Homo sapiens

<400> 13036  
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 aaagcctaac ttcagacact gacaagaaag caggaaatac tacgtttctc atggtagtaa 180  
 gactcaggaa attcttacgc aaacaaagag 210

<210> 13037  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<400> 13037  
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 aatgccacgc cgaggagcgc gaccagagga cagctctgtg ctgatcccca ccgacaattc 120  
 gacccacac aaggaggatc taagcagcaa gattaaagaa caaaaaattg tgggtggatga 180  
 actttctaac cttaagaaga ataggaaagt atataggcaa caacagaaca gcaatatatt 240  
 ctttcttgca gaccgaacag aaatgctgtc tgagagcaag aatatattgg atgaactgaa 300  
 aaaagaatac caagaaatag aaaacttaga caagaccaa atcaagaaak agtcaacctg 360  
 atttcacata acaatgtgtg gcatttggtg ttctgtaaac ttttctgctg agcatttcag 420  
 tcaagattta aaagagg 437

<210> 13038  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

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 ctttttgaat ttcaagaaca gtaaagttgg aacacagcag 160



<210> 13039  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 13039  
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 ctgctcccgg acaagggcaa cgagcggttc gtttggactt ctcgacttga gtgcccgcct 120  
 ccttcgccgc cgcctctgca gtcctcagcg cagtctttcc acaggagcca gcatacttcc 180  
 tgaacatgga gagtgttgtt cgccgctgcc cattcttacc ccgagtcccc caggcctttc 240  
 tgcagaaagc aggcataatct ctgttgttct atgccccaaa ctgccccaaag atgatggaag 300  
 ttggggccaa gccagcccct cgggcattgt ccactg 336

<210> 13040  
 <211> 513  
 <212> DNA  
 <213> Homo sapiens

<400> 13040  
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 ctgctcccgg acaagggcaa cgagcggttc gtttggactt ctcgacttga gtgcccgcct 120  
 ccttcgccgc cgcctctgca gtcctcagcg cagttatgcc cagttcttcc cgctgtgggg 180  
 acacgaccac ggaggaatcc ttgcttcagg gactcgggac cctgctggac cccttctcgc 240  
 ggttttagggg atgtggggac caggagaaaag tcaggatccc taagagtctt ccctgcttgg 300  
 atggatgagt ggcttcttct ccacctasnt tctttccaca ggagccagca tacttcttga 360  
 acatggagag tggtgttctgc cgctgccccat tcttatccca agtccccccag gcctttctgc 420  
 agaaagcagg caaatctctg ttgttctatg cccaaaactg cccaagatg atggaagtgt 480  
 gggccaagcc agcccctcgg gcattgtcca ctg 513

<210> 13041  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 13041  
 agcatttggc agcaatcacc ctgggctgga gtgggcctga caggaatggg caaatcttgg 60  
 ggcaggaaat ccagtcagaa gattatgacg ataaagcagg tgagagatgt tgggtgtccca 120  
 agggcaaagg gggatcccat caagacatga gaaccgccac gtcgttcttt cccaatccc 180  
 actgtttcta gatttttctt tctaggaggs ctgcaaatg tgtttccggr agaaaatcct 240  
 ccctgctatt tctccagcct tcccttggtta ccggctcggc cctgcccctt taacattcag 300  
 gaatgagagt ggaagcagaa ggcccaggtc cccggaggtc ccgacgcccg gattccacag 360  
 cctgtgaggg tctttgagca garsggacga ggccactggc actacgtcgt gacttcasca 420  
 acagcctgca gtactcgta acgagattt 449

<210> 13042  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 13042  
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 acagtaattg ctgtacgaag gtcagaatcg ctacctattg tccaaagcag tcgtaagaag 120  
 aggtcccaa 129

<210> 13043  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 13043  
 agtcattcag ttatatgtta aataacttga agatgttttt tgttccaaga gagaagtgaa 60  
 gaatgtagtt ttcaaccaa gggatgacag ctgatgagt ggctgagaaa atgcccagg 120  
 gscgcgcgc tacctctccc aaggccacag ccgacagaga catcctggct cgcctccaca 180  
 aagcagtgcac ttcccattac catgccatca cc 212

<210> 13044  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<400> 13044  
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 ggtgcggctc ttgacaacat gtgggctcca ccagcagcaa tcatggggga tgggcccacc 120  
 aagaaggtgg gcaaccaggc cccctgcag acacaggccc tccagactgc ctctttaagg 180  
 gatggcccgg cgaasggggc gtgtgggtcc gccatacgag ttcagagcca caagaaccta 240  
 ctgaatcaaa ggcagccaag gagaggccca agcaggaggt gaccaaagca gtggctcgtgg 300  
 acctgggcac tggctactgt aantgtggct ttgccggcct gccaaagacc acccacaaga 360  
 tctcaacaac ggtgggcaag ccctacatgg agaccgcca gactggggat aatcgcaagg 420  
 agacattcgt g 431

<210> 13045  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 13045  
 gccgtgcagg tgggtggcgaa cgctcctccg aaagggtttcg gaagctgggt gtagctctga 60  
 agataacgct gcgttagggc atactgcggc ggaggatgga actccgattg aaagcagttg 120  
 ctggagtgga gcacgaattt caacaagccg catgttgaag tgtgaggcgt gaaagggat 180  
 gtctgatatt tgcttttaaa tgctccagca aagaaattaa gggatggatg aagcaaaaga 240  
 gccaggtatg gtggctcatg cctctaattc cagcactttg gg 282

<210> 13046  
 <211> 65  
 <212> DNA  
 <213> Homo sapiens

<400> 13046  
 aaaaaagtac actgtgcagt ttctgaagag ttacactat ttaaagcata atcatagcct 60  
 cacag 65

<210> 13047  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<400> 13047

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ttagtctgag	tttgcggtt	ttctttcttc	attcatactt	cgtcaattaa	ttttccctt	120
taaggaccct	ttcaagcctg	agagaagagt	acagaataaa	tcaaaagaaa	gagtggagag	180
acaaaaatga	atgcagaaag	agggatgcag	gaaacaaaaa	cccagcaagt	agaagggaat	240
agtgagaata	aagaaaacga	gaaaaagaaa	acaaacaaac			280

<210> 13048  
 <211> 659  
 <212> DNA  
 <213> Homo sapiens

<400> 13048	
tgtataaatg	tatgtatcac
tagccatccc	ctgggcctgt
gacaccggct	ggcamcmatc
vctgtgtcca	tccctagtct
cactggtgaa	cgttcacctt
ctggtaagta	ttcgtatdnc
gccacatcca	ccctgtcttg
tttttccaca	ttgtccacgg
atctttgcaa	gttagtgtk
ataggggatt	tttttttttc
cgaacttcga	aggccacaca
	ctcctgcttc
	ataggcccca
	cggtaagtga
	gttcacacc
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	120
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	240
	300
	360
	420
	480
	540
	600
	659

<210> 13049  
 <211> 223  
 <212> DNA  
 <213> Homo sapiens

<400> 13049	
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caagggatgc	cctactctct
ggcaagcaag	tggttatctg
ataaaataac	agtaaattcc
	aaacctcaaa
	aactattatg
	gcc
	60
	120
	180
	223

<210> 13050  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<400> 13050	
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gctgctgcct	gtgtagttgc
acgcgcgtga	gctcaggcgt
gcccgggtgc	gcaagatcgt
cataaagcat	gcttccattg
	cgagacctgc
	aagatgaca
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	120
	180
	240
	279

<210> 13051  
 <211> 167  
 <212> DNA  
 <213> Homo sapiens

<400> 13051	
tgtctgcact	ggmgctgcct
	ggtgacyaga
	agtttgaggt
	aggtttggtg
	ctgggcaggg
	60

gtggggagta ggggtggaaaag catggagtgta agaggtctag ggaggggggtc tcctcacccc 120  
cgcccttctg ccgccttgat ctcggggggtc tntaaggctt gcttcca 167

<210> 13052  
<211> 62  
<212> DNA  
<213> Homo sapiens

<400> 13052  
ggttttgtgt ggaaagcatg taggaggggtt ctttcctga tttcaagtag ttccttccac 60  
cc 62

<210> 13053  
<211> 180  
<212> DNA  
<213> Homo sapiens

<400> 13053  
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cgcttagkct ggagaactag tcctcgactc acgtgcaagg atgatgctga aaggrataac 120  
aaggcttctc tctaggatcc ataagattgc ccccgaggaa ttagcacttg ttcacaacct 180

<210> 13054  
<211> 556  
<212> DNA  
<213> Homo sapiens

<400> 13054  
attcacaaaa tatttatgat gtattttactc tgcaccaggt csncatgccca agcactgggg 60  
acacagttat ggcaaagtag acaaagcatt tgttcatttg gagcttagag tccaggagga 120  
atacattaga taatgacaca atcaaatata aattgcaaga tgtcacaggt gtgatgaagg 180  
gagagtagga gagaccatga gtatgtgtaa caggaggaca cagcattatt ctagtgctgt 240  
actgttccgt acggcagcya ctaccacat gtaacttttt aagattttaa tttaaattag 300  
ttaacattca aaacgcagct ccccaatcac actagcaaca tttcaagtgc ttgagagcca 360  
tgcattgatta gtggttaccc tattgaatag gtcagaagta gaatcttttc atcatcacag 420  
aaagttctat tggacagtgc tcttctagat catcataaga ctacagagca cttttcaaag 480  
ctcatgcatg ttcattcatgt tagtgctgta ttttgagctg gggttttgag actcccctta 540  
gagatagaga aacaga 556

<210> 13055  
<211> 148  
<212> DNA  
<213> Homo sapiens

<400> 13055  
amggcaagtm ggaggtagca agatggccgc cgctgaggaa ggctgtagtg tcggggccga 60  
agcggacagg gaattggagg agcttctgga aagtgtctct gatgatttcg ataaagccaa 120  
accctcccca gcacccctt ctaccacc 148

<210> 13056  
<211> 207  
<212> DNA  
<213> Homo sapiens

<400> 13056  
 agtaagtctg aagaatgcac tgaagtcata gtgcattggt ctgagctcct ggcagatcct 60  
 gtgtaatctt cagcctccct gaagctttac agccaggagt smgattttat cacatgaact 120  
 ttaaaagagt aaagccaaat atctttttat taaaccagag tagwktaatt atcagtatat 180  
 gtgaaatcat gtccactgat caaggca 207

<210> 13057  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 13057  
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 gcgagcccag tatagtctcc acctcctgcg ctggtaacct cccgtcccgc ccgcctccct 120  
 tgttgctgcc tctcctcgcg tcgcggaatc cttgcccttg gcactactta catctctccg 180  
 ggtcccacaa caccttagcg cccacctgct tcaaagccaa gctccaccga aagcgaggca 240  
 gtcagccccc ggacatggcc tcagcgctga ctgatcgcac ctctcggggc ccgagcacct 300  
 acacctacac ca 312

<210> 13058  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 13058  
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 tttaaatacc tgtgcccata agtatcccat ttcataatg tgtgttggca tggggaaaaa 120  
 atttccctgc tctttgagtg gagcgaaagc aattgggtta gctgtagcag cttttttgtt 180  
 tattttttta aagtaataat aaaacttgaa ctgaaaaaag ataaaacttg aactagaata 240  
 ctactcttgt atgcttagaa tgtttatagt gtttatgtgg gg 282

<210> 13059  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 13059  
 gggcaacgcc acagtctcgt gtgatagcag cagcgggtat atgatacggg gccctgtatg 60  
 cgggccagac agtgcggtta agccaaggga gattatccag acccccagga gcgaacagca 120  
 agcagcaacc gaagcgcaag tgccaggatt acagcctagg ctgctccaac tatgagccct 180  
 tcctcggacc ctgggactcg gctacttggg gtttgggggt cttccacacc acagaggcac 240  
 aaagctgact ttaatcaatt tttttccttt aaacttgatt ctgccgcagt ggagccagca 300  
 cagcggatgt tttcacac 318

<210> 13060  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 13060  
 actgtttgct tagtaccaag gattttacct gtgtgaacta ccctcgtaca tatttttttc 60  
 cttcttggtta cggatgaatca attatccatg ttctatggaa agccaatctt ttatgtgtgt 120  
 actggatccc atcctgtacc catttaaggc tattactcta gcaattcttt ctttccaca 180  
 ttgacaattt tc 192

<210> 13061  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 13061  
 gtggcaaagg aaggagctga ctgggggaggt tcgaggcggc gggcggcgggt gaccccgggc 60  
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 ggaccgtccc gcgcggggca cgatgttgaa catgtggaag gtgcgcgagc tggaggacaa 180  
 agccaccaat gttgttatga attattcaga gatcgagctt aagggttcgag aggcaacgaa 240  
 cgatgatcct tggggacctt ctgggcaact catggg 276

<210> 13062  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<400> 13062  
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 ccttatgcta ttaaagccct ccacaacctc ctgtggatca agccccgttg gctgctcctc 120  
 tgcccttggc aggtgttaca gtaattacat cttctgrgggt cctcatgggt aaagccacca 180  
 cctggcttct actacttcag gatcctgtta tcccaatgga tattatcaag ccca 234

<210> 13063  
 <211> 140  
 <212> DNA  
 <213> Homo sapiens

<400> 13063  
 aagaaagcca cctggggcgca ccgcggtgcg gaccagcac gcctggggcg ggggctgcag 60  
 catgctcttg agatctgttg cctgaaagcg ctggaagcag agcctgtgag tgtgggtccc 120  
 gtcaccagag ccccaaccca 140

<210> 13064  
 <211> 217  
 <212> DNA  
 <213> Homo sapiens

<400> 13064  
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 acctacaaag agctttttgtg tctttgacat ctaccacctt cctcctttta aaaaatttct 180  
 ttagaatttc tcaatcttca aggtcttaag tgcttaa 217

<210> 13065  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<400> 13065  
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 gtgacccagt gttctgctaa tctggagaac cagaggctca ctggtgctgc ggggaagatgg 120  
 tttctagggt gagaatgtcc actgcaaagc cagcaacagt cagcatccat ctgagtcttc 180

tgcttttctc	caaggtgcag	agtgggctgg	cagggccggt	actgtgacga	gtgtatccgc	240
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gctggggggg	ccttttctgc	aaccagggtg	agccttctct	ccctgaggma	gcctgctccc	360
tccagagcag	ccctggactt	ccctggctgt	ttgatcactg	gaaaaataaa	gtcttcctgc	420
atgtgatgt						429

<210> 13066  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 13066	
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gggagggcgc	gggagcccg
tcggttgccg	gtgtctctgg
ccctgcggtc	agccctggga
acgtcccggg	gagctagatt
cctagaggcc	cgattccgct
agcccgggaa	agacaaagcc
agcgcctccc	cccgcctccc
gacttaggat	ccgatgccg
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	120
	179

<210> 13067  
 <211> 467  
 <212> DNA  
 <213> Homo sapiens

<400> 13067	
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catgacaagc	atcttcttaa
gaaagctctg	ctgttgagat
cgtccaaagc	tgggrggctg
ggaggggggg	cacgaacttc
gtggggcacc	atccctccga
agagagcaag	atcagagaca
cccgcaccag	tctcctgcac
cctttttctt	tcaggaaact
gagaggtcct	tcccattgga
ggggcagggg	gaggagaccc
agcccaactc	ccggccttag
ccagaaaggc	aagagagcaa
agccagcgct	tctagcttgg
ttgccacact	ggggagactg
gtgggtggtc	accccaacct
accctcatcc	atggaaaccc
ggaggagagag	tcccgcctgg
agaaacctgg	atcttttgcta
gaaagagaga	gatccagttg
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ggttggt	
	60
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	180
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	420
	467

<210> 13068  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 13068	
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atgagcctga	atcttcagtt
cagttcatta	gtcagccatt
ttggtcaaca	ccctgcttac
tgcgcacggc	caatcctatg
agaactcagc	atcccagctc
atctgagcag	atcctggaag
tgattttctgc	agctcaggat
ttttttttta	agctacattg
aaaatatagg	tttatttttt
gttcagggtt	ttctttttata
ttttttttct	gcacaaagga
ggaggatatt	tcaacttact
atatacaggc	cagattttta
aagccagcta	aggcagcatc
agctgtgcgg	gatttaaagc
ctatagctca	gctgaaaaaa
aaggtggggg	gcagggaagg
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ctgggagaag	acragcat
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	240
	300
	360
	398

<210> 13069  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 13069	
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gagaagaatg	gctacgtgac
tgtcagtgag	atcaaagcca
gtcttaaagt	ggagaccgag
cgagcgcggc	aagtgtctga
acacctgcta	aaggaagggg
tggcgtggct	ggacttacag
gccccagggg	aggccacta
ctggctgcca	gctctcttca
	60
	120
	180

ctgacctcta ctcccaggag attacagctg aggaggccag agaagccctc ccctgactgc 240  
atgtggaagg gcacacagca gcaggcaggg aggaggcgga ggtggcaaat aaacccg 297

<210> 13070  
<211> 222  
<212> DNA  
<213> Homo sapiens

<400> 13070  
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acagaggccc cggaaagcca gtgccgcccg tcagaggggt ctctgagtr mrtgtgggtg 120  
gctggattct gcatasnggg ttatcttaac cccggctgtg aaaactggat gaagtagcaa 180  
tcctttcaac cccaagagtc tgtgattcag ccagagttac aa 222

<210> 13071  
<211> 277  
<212> DNA  
<213> Homo sapiens

<400> 13071  
atcttggttg tgggaagtct cgtctaggct gtcctctctc cagttgggag gaccaagatg 60  
gagcgaagga tgaagtagca agtgtacgtc tttcttgga gcaggatgtt gcgcaagttt 120  
acacttctga ccccatcaca ctgcttccca ctgagatgca agagaggatt nctcatcttc 180  
cagatgtgca ggctgaaata tttatggatg aaattgtcag atgcctagca tttgctccat 240  
gataatctga ggtgtgggccc atgtttgagg attaccc 277

<210> 13072  
<211> 468  
<212> DNA  
<213> Homo sapiens

<400> 13072  
atccctcccc gcscctcgg ccgctccgct ccttggcgtg actcggcact gagagtcccg 60  
ggakaagact cggcggtcgc cacctcttct gtccaggcct cggccttctt gagyatctct 120  
ccttcctctc ccagatcgtc ttctccttca gtttcaaagc cagtggcgtc gcggccaccc 180  
tgccgggctc tctgtgagga tgggtgggggt gaagcccgtc gggagcgacc cggatttcca 240  
gccagagctg agcggcgcg gctccagact cgcggtggtc aagttcacca tgagaggggtg 300  
tgggccatgt ktgaggattg cccagcatt cagttctatg agtaataaat atccacaggc 360  
tgttttcttg gaagtcgatg tacatcagtg tcagtactta ttcctttgaa gataggaaga 420  
tgttatgttg atgtcattat tacagatgtc attatggctg cattagtt 468

<210> 13073  
<211> 181  
<212> DNA  
<213> Homo sapiens

<400> 13073  
catgttctaa atatagatgt gttaaatttc aaatgtgaaa gtttttgaag ggtctaaagc 60  
cagtttgcta atcaggga aa tgctgtgatt ggcgccasac ttgcagtccc tgagggggat 120  
tgtgaaatcc ggcctccgca actgtgattc aagtctggga tgaaagaaaa ctccatgata 180  
c 181

<210> 13074  
<211> 409



<212> DNA  
<213> Homo sapiens

<400> 13074  
accggcccg agtgccggcs gtggaaggcg gaagtaggag aggagttcgg cgccgcttct 60  
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ggccctgcct ttgagaaggt ctcagctcac ttgaaagtgt gktccgcaa agcccaagggt 180  
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 13085

<211> 485

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 13087

<211> 173

<212> DNA

<213> Homo sapiens

<400> 13087

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&lt;211&gt; 437

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13093

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&lt;210&gt; 13094

&lt;211&gt; 146

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13094

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cctgcccgcc	gctgcgatgc	tcgccc				146

&lt;210&gt; 13095

&lt;211&gt; 174

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13095

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&lt;210&gt; 13096

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13096

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<212> DNA

<213> Homo sapiens

<400> 13111

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<210> 13112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 13112

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cggagtcgcg	gtatccgcag	gctctggtgt	gttaccaaga	ggggattgat	ctgctcctgc	180
aggttctgaa	aggtgagcaa	tgagccaagg	cggggaggac	ctgaggaaaa	ggagctgggt	240
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<210> 13113

<211> 64

<212> DNA

<213> Homo sapiens

<400> 13113

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<210> 13114

<211> 434

<212> DNA

<213> Homo sapiens

<400> 13114

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tggtgctgac	gcgtgcaggg	ccccgcgccc	gcgagatctt	cacctcgctg	gaktacggac	120
cggtgccgga	gaagccacgc	atgcgcactg	gctggccgag	gtgatccaga	agcaccagcg	180
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ggaggcactg	gcaggctggg	agcccatggg	agtaattggc	ctcatcctgc	cacccacatt	360
ctccttcctt	gagatgatgt	ggaggatttg	ccctgcccct	ggctgtgggt	aaatgatggc	420
ctgrggggtc	ctga					434

&lt;210&gt; 13115

&lt;211&gt; 360

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13115

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ccacctctgc	tgctaccatg	gggatcttag	agaagatctc	ggagatcgag	aaggagatcg	120
ctcggacaca	gaagaacaag	gccactgagt	atcatctggg	cctgctgaaa	gctaagctcg	180
ccaagtatcg	ggcccagctc	ctggaaccgt	ccaaatcggc	ctcrtccaaa	ggagagggct	240
ttgatgtcat	gaagtcgggt	gatgcgtgtg	gcgctgattg	gatttccttc	tgygggyaag	300
tccacattct	tgagtctgat	ganctccacg	gccagcgagg	cagcgtccta	tgagttcacc	360

&lt;210&gt; 13116

&lt;211&gt; 180

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13116

agtaggcgag	ggcgcgggctg	cggggttcct	ggtgctgagg	acggacgcca	ttggagttcc	60
cgagaagcat	ggctgaggga	agcttcagcg	tgcaatcgga	aagctacagt	gttgaagaca	120
tggatgaggg	tagcgacgaa	gtsngngag	gaagagatgg	ttgaaggcaa	cgactatgaa	180

&lt;210&gt; 13117

&lt;211&gt; 473

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13117

atccggggtc	acgtcgggtct	tccgggtgtc	tttgacaggg	ttttctacgc	cgcttttttcg	60
gcgacttttt	gctcttccgc	tttttgccac	cgcccccaac	cttctatatc	cttgacagccc	120
ctaccttttc	ttgtgttgct	cctcccctgg	cagccgtgag	gggggttaga	tctcagccgg	180
agccggagct	gggcctagct	gtcccacggg	ccaccactac	ctcctttggt	tcgggagaaa	240
gctacgacca	agtacgccc	gctcgggcct	tagaacttct	gaacgggcag	tgcgggtagg	300
ccctgcttag	cccttcccgg	aggacacctg	tgagttagg	gggtttcgga	gaggaacgca	360
gcagtgtagg	cccaggtcgg	cggcggggca	cgggaaactt	ttccgaaacg	gtagcgtttt	420
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&lt;210&gt; 13118

&lt;211&gt; 479

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13118

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ctaccttttc	ttgtgttgct	cctccccctgg	cagccgtgag	gggggttaga	tctcagccgg	180
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gctacgacca	agtacgccc	gctcgggcct	tagaacttct	gaacgggcag	tcgggtagg	300
ccctgcttag	cccttcccgg	aggacacctg	acaaaaagag	gaagatagtc	ttgggaccct	360
tgcattggtg	ttcaaagggt	ggtgaagaac	taagatatct	tcttgaagcc	ctgcatcctc	420
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<210> 13119

<211> 454

<212> DNA

<213> Homo sapiens

<400> 13119

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aacgggaatct	aatcaggagg	ttgctaacc	agaacactat	attaaacatc	ccctacagaa	180
cagatgggca	ctctggtttt	ttaaaaaatga	taaaaacaaa	acttggcaag	caaacctgcg	240
gctgatctcc	aagtttgata	ctgttgaaga	cttttgggct	ctgtacaacc	atatccagtt	300
gtctagtaat	ttaatgcctg	gctgtactcg	gggacggttc	tagtttttgc	tcattcagta	360
tgatgtkgtg	tgtgtgtttg	ttaaagatgg	ctcttcttat	tttgagggtak	attccttttg	420
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<210> 13120

<211> 229

<212> DNA

<213> Homo sapiens

<400> 13120

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agctgtgggc	acaaagctag	taagtagcag	agccagggtta	tgggtcccagt	tctgttggtat	180
tccacggcct	gtgccttgac	cacttctccc	agctgcttcc	actgcacca		229

<210> 13121

<211> 317

<212> DNA

<213> Homo sapiens

<400> 13121

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tgagagagat	gcttaaaaa	caccagttac	tttaatgagt	aagtactttt	cagtttttcc	180
attttatctg	aaactttaag	ttggcatttc	tgaccagcct	ttcttgagac	catcattttt	240
tgggcactta	ctgtagacag	gaatcagcac	cctagcctcc	ttcagcccac	cccatgtaac	300
actaaagaga	caactgg					317

<210> 13122

<211> 504

<212> DNA

<213> Homo sapiens

<400> 13122

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aaggttgccg	aactgtcccc	ctggctggac	atgtgggggt	tgacagcttg	cctgaccagc	180
tgggtgaataa	gtccgtcagc	cagggcttct	gcttcaacat	cctgtgctg	ggagagacag	240
gtttgggcaa	gtccaccctc	atggacaccc	tggtcaacac	caaattcgaa	ggggagccag	300
ccaccacac	acagccgggt	gtccagctcc	agtctaatac	ctatgacctc	caagaagcaa	360
cgtgaggcta	aagctcacga	tcgttagcac	agttggcttt	ggggaccaga	tcaacaaaga	420
ggacagctac	aagcctatcg	tggaattcat	cgatgcacaa	ttcgaggcct	acctgcagga	480
agagctaaag	atccgaagag	tgct				504

<210> 13123

<211> 353

<212> DNA

<213> Homo sapiens

<400> 13123

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gggcactgac	tgggtactgg	tgaagttccc	cgcaggaact	gagtcagacc	ccatctcagg	120
gccctgcasa	agataggtgc	ctgctctaag	gcgtggaccc	tcgcsacagc	cctggcccgt	180
cttgacgggc	gaggggttact	gtacttgctc	caaccrtaca	gatgagaaaag	ctsagactca	240
gggccagcaa	cccsgggtccc	agcggagcgc	rcgggcacac	gscgacacnt	cagcaccagt	300
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<210> 13124

<211> 348

<212> DNA

<213> Homo sapiens

<400> 13124

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ccgccgggga	cttcagattg	atccttcccc	ggaagagtag	ggactgctgg	tgccctgcgt	120
cccgggatcc	cgagccaact	tgthtccctc	gttagtggtg	gggaagggtc	tatccttttg	180
tggcggatct	agcttctcct	cgcttccagg	atgaaagctc	agggggaaac	cgaggagtca	240
gaaaagctga	gtaagatgag	ttctctcctg	gaacggctcc	atgcaaaatt	taaccaaatt	300
agrccttga	gtgaraccat	taagcttgtg	sgtcaagtca	tggttaagg		348

<210> 13125

<211> 277

<212> DNA

<213> Homo sapiens

<400> 13125

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catttgcttt	tttctccaa	ggtatgtatg	agtgtgagta	atataattta	gcaaaggaaa	120
taagagttaa	gttattgaac	ccctcctggg	tcccagggtc	agtgagatgt	gctttatacg	180
cccccttccc	tcccaccccc	actccaggtc	tgcaaagctc	atttggccag	ctaggccact	240
ggaggctcta	tttgactag	tgaatcttac	atgggtat			277

<210> 13126

<211> 452

<212> DNA

<213> Homo sapiens

<400> 13126

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tcgtagcgg	cgaggctttt	gcggctccgg	cgtgccggaa	agtgcattgt	atgcataaaa	120

gtggataatt	tacatgataa	atgaaaatgg	ccaattcttt	aagaggagaa	gtactaaaaac	180
tttataaaaa	tctgctgtat	cttggacgag	actatccaaa	aggagcagac	tattttaaaa	240
agcgtttgaa	gaacattttc	cttaaaaaaca	aagatgtgaa	gaatccagag	aagatcaaag	300
aacttattgc	acagggcgaa	tttgtaatga	aagagctaga	agctttgtac	ttccttagga	360
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tactttaatt	tagctatcag	tgccagctgt	tt			452

<210> 13127  
 <211> 458  
 <212> DNA  
 <213> Homo sapiens

<400> 13127						
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gtctgtgtcc	atatttgc	ctggctggtc	atagcctttg	ttactaatga	tgacattcag	180
ttctcttttg	tttttatttt	ttaaaaactc	aggtgtaatt	attatctgtt	cttaagataa	240
ttgcaaata	taaatattat	gatataatcaa	ttcatgtgtt	tgccatacca	gtgaatgatg	300
aagaacatga	gattaattta	atztatcttc	ggtaacttga	cattctggag	agagactatc	360
ttctggagtt	gagtacaagc	acagaaacat	ctttacggnk	gcacatcttc	atTTTTtagg	420
aagacatgat	aatactgccc	atcatattca	tgtgtact			458

<210> 13128  
 <211> 485  
 <212> DNA  
 <213> Homo sapiens

<400> 13128						
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cgaggtggca	gctgcgtaga	agtctggram	snttttctct	nagrgtccca	gaattgagac	180
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actttaagac	catgctagaa	agcctcccgg	cagaggttca	ggaagttctg	statgaggat	420
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agact						485

<210> 13129  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 13129						
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attgcmactg	gscctgcctg	tggggctcwa	ggggscntk	ggctacmagg	aggctargam	180
cactgctcat	gaatgacagt	gagccctgaa	agctctgggg	gtgtcaccca	gtcccaaca	240
cstgcatecc	ctgcagtggg	gatgggctca	gctcctggac	gtgccacaga	cagaaagcat	300
aacatacac						309

<210> 13130  
 <211> 432  
 <212> DNA

<213> Homo sapiens

<400> 13130

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cggaccgtgt	gctcgacggt	gccctaggtg	ccgtggggcc	acacgcgagt	ctgataagca	180
ccctcccccg	gaatcatrmg	gtgctgtgag	gcctagcgaa	gatgaagata	gaatgcaagg	240
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agaacctgcc	cgctccgtagg	gctctggatg	ctgctgaggc	ccgaggcccc	tatggcagat	360
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cactctgttg	cc					432

<210> 13131

<211> 452

<212> DNA

<213> Homo sapiens

<400> 13131

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cggaccgtgt	gctcgacggt	gccctaggtg	ccgwrvgggcc	acacgcgagt	ctgrtaagca	180
ccctcccccg	gaatcatgcg	gtgctgtgag	gcctagcgaa	gatgaagata	gaatgcaagg	240
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kaagaacctg	cccgtccgta	gggctctgga	tgctgctgag	gcccagaggcc	cctatggcag	360
atattgaaaat	tcacccttgt	agagtcattc	ctgcctttga	gcggactccc	ttttaagttt	420
acagaagcac	ttgcagaact	catcagaagc	ca			452

<210> 13132

<211> 214

<212> DNA

<213> Homo sapiens

<400> 13132

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gcctccgcca	tgccggcggt	gctgggtttt	gaaggcagcg	ccaataagat	tggcgtgggc	180
gtggtgcggg	atggcaaggt	gctggcgaac	ccgc			214

<210> 13133

<211> 255

<212> DNA

<213> Homo sapiens

<400> 13133

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ctctgcgcgc	gctgccaccc	gcgctccctc	cgccgcgcgc	gccttgctgc	tgctcaaagc	120
tgctgcccgc	ccttgggcta	aaagggtttt	aaatggaaca	ttttgatgca	tcacttagta	180
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<210> 13134

<211> 476

<212> DNA

<213> Homo sapiens

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gccatggaag atgcccagac cctgaggaag gccatgaaag ggctcggcac cgatgaagac 240  
gccattatta gcgtccttgc ctaccgcaac accgcccagc gccaggagat caggacagcc 300  
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<210> 13135  
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<212> DNA  
<213> Homo sapiens

<400> 13135  
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<210> 13136  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 13136  
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tggcagctgg agatggcgga cagagatcc gtgcacgaga ctaggtttga ggcggccgtg 180  
aaggtgatcc agagtttgcc ga 202

<210> 13137  
<211> 138  
<212> DNA  
<213> Homo sapiens

<400> 13137  
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caaaatatta ctatagcatt atgttttaaaa taatctacaa caaaaatgta ccattttcaa 120  
gcagtactac attaggag 138

<210> 13138  
<211> 632  
<212> DNA  
<213> Homo sapiens

<400> 13138

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gcttgctcag	atagatctgt	gtttgtgggg	gcccttcctt	ccatttttga	tttagtgaat	120
ggcattttgct	ggttataaca	gcaaatgaaa	gactcttcac	tccaaaaaga	aaagtgtttt	180
gttttttaat	ctctgttctt	tttgcaaaaca	attttaatga	tgggtgttaaa	gctgtacacc	240
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tgaatctgta	catgttcttg	tcataaaaatg	catactgttg	atacaaacca	ctgtgaacat	420
tttttatttg	agaattttgt	ttcaaaggga	ttgctttttc	ctctcattgt	cttgttatgt	480
acaaactagt	ttttatagct	atcaacatta	ggagtaactt	tcaaccttgc	cagcatcact	540
ggtatgatgt	atattttaatt	aaagcacact	tttccccgac	cgtatactta	aaatgacaaa	600
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<210> 13139

<211> 352

<212> DNA

<213> Homo sapiens

<400> 13139

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ccttgccact	tttcttaatg	gaatatcatt	tttacttgga	agaatgacag	acaactatgg	180
ttatttagac	tcgggaattt	ggcagacatt	ttctctaaaa	cagatgaagt	gatgtggcac	240
tttaaaacaa	acaactgggtg	gtattttattg	ccagtataaa	aattcaggct	tccaagaaca	300
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<210> 13140

<211> 97

<212> DNA

<213> Homo sapiens

<400> 13140

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<210> 13141

<211> 282

<212> DNA

<213> Homo sapiens

<400> 13141

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gggaggcctc	tgaaagcttc	cactagagaa	aaactcccca	ctcttacaat	ttctttaacc	180
gcaagaagcg	gaggacctgg	acaaggactc	gaggagcaag	gtggcggaacc	aagggtaggg	240
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<210> 13142

<211> 142

<212> DNA

<213> Homo sapiens

<400> 13142

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aaagcttctt tctgggcaac ca

142

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<212> DNA

<213> Homo sapiens

<400> 13143

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gcgtgataaa	attttcactc	cttgacaagt	gtaagaagcc	ggaaaactgt	gccagccag	180
aagttttgtg	tcgccccctt					200

<210> 13144

<211> 126

<212> DNA

<213> Homo sapiens

<400> 13144

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<210> 13145

<211> 183

<212> DNA

<213> Homo sapiens

<400> 13145

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gcacaaacaa	ttgaaggatg	gataccatgg	catatgttaa	aagcgtgttr	aaaggaaaat	120
aagaaagcca	ggaatctcag	gatgaatcag	tctagatcga	gatcagatgg	tggcagtgaa	180
gaa						183

<210> 13146

<211> 255

<212> DNA

<213> Homo sapiens

<400> 13146

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gcacccctg	caatccccca	cctttcgggg	tctccccctc	cttggtgcta	aggcccggac	180
cgtcatccca	gcaacagcct	cagtcatgtg	accggcaatg	gcggcgctga	cgagaggtag	240
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<210> 13147

<211> 282

<212> DNA

<213> Homo sapiens

<400> 13147

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gcacccccctg caatccccca cctttcgggg tctccccctc cttgttgcta aggccccggac 180  
 cgtcatccca gcaacagcct cagtcagtr accggcaatg gcggcgctra cgagagtcct 240  
 ggtcagctga gtggaaatag aaggatttct gctgcatca tc 282

<210> 13148  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 13148  
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 aatgaggacc taagctccat tctaaaggtc agctggcatg acttatattc aatatacctaa 120  
 agccaatgac tgtcagtatt tttttttt 148

<210> 13149  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 13149  
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 ccatttggtg caaatggcag ttggaaactc ctgggggtatc ctactgccta ctggcccttc 180  
 tctacatgta gctgttcttg gttaagggat ctccttttagc atgtatgaga tggggaagta 240  
 caagcatata acatcaagtt ctactgtata ttcagatgta gaagcaacaa c 291

<210> 13150  
 <211> 502  
 <212> DNA  
 <213> Homo sapiens

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 agtggcacta aggtccaaag gaagctacat atgggtgggtc cctgctacac cagcctccca 180  
 agcctcccag tgcaccttct aggagacaag caaggaaggc cgctgcttgt ttgtcatcct 240  
 gctcatggcg gtgtactggt gcacggaggc cctgccgctc tcagtgcagg cgctgctgcc 300  
 catcgtctc tttcccttca ygggcatctt gccctccarc aaggtctgcc cccagtactt 360  
 cctcgacacc aacttctct tctcagtggt gctgatcatg gccagcgcca ttgaggagtg 420  
 gaacctgcac cggcgaatcg cctcaagatc ctgatgcttg ttggagtcca gccggccagg 480  
 ctcacctggt ggatgatggt ga 502

<210> 13151  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 13151  
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 gttttctcca ggctgcaatg gttagaagca gtgttaggga gtaaggaaga tactgatccc 120  
 acttccaacc tgtggatatg tggaatacat gagaataagc cc 162

<210> 13152  
 <211> 135

<212> DNA

<213> Homo sapiens

<400> 13152

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gatgaagggtg	aatacctgaa	tgagatgtca	agaggaggaa	cacactggag	agaagcagta	120
aagattwagg	actga					135

<210> 13153

<211> 395

<212> DNA

<213> Homo sapiens

<400> 13153

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ggagagtccg	acgagcgctg	cactaacgca	ggatccggct	gccgaagtcc	tcgccagcag	120
gatgaagtta	aaggaagtag	atcgtacagc	catgcaggca	tgagccctg	cccagaatca	180
ccccatttac	ctagcaacag	gaacatctgc	tcagcaattg	gatgcaacat	ttagtacgaa	240
tgcttccctt	gagatatttg	aattagacct	ctctgatcca	tccttgata	tgaaatcttg	300
tgccacattc	tcctcttctc	acaggtacca	caagttgatt	tgggggcctt	ataaaatgga	360
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<210> 13154

<211> 478

<212> DNA

<213> Homo sapiens

<400> 13154

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caaccttatac	aaagggtttg	acaaagggaa	atgtaaaata	aatctgttta	tggtatattga	120
gtgcatcttg	watgwgctta	atattgatag	gatgagatgt	ctgaacaaat	ttttataata	180
ttgctgtgaa	ggagcttgct	attgaaccac	agaaatccct	taatattcag	gttttaaaac	240
tggcaaattc	tcacaggacc	tcaggcacag	attattgagg	ttgggagaga	gtgagtagat	300
gtagaaaagg	agaaaaacaa	cacacgccct	gttctctaca	gtacaactgt	gtgcaattaa	360
gcaatggtag	ttgatgtagg	ctctaacact	catcaataaa	taagtgttgt	aaaataattt	420
ataacaggta	atcgatagtg	tgtaatgaat	ggactattaa	taattgatta	tctagaaa	478

<210> 13155

<211> 424

<212> DNA

<213> Homo sapiens

<400> 13155

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cttcctgtcg	tggaagagccc	tggaatgct	atgaagaaga	acagtgtgtc	tttctagttg	180
cagaacttaa	gaatgagacc	atcaagcttc	agatgatcgt	gcaacaaagg	ttccagccag	240
ttctaggtga	agacaccact	gctggccatg	aaagagctac	cctgcctcca	ctagacagag	300
caggaacac	caggtgatgg	tgcagattga	gctgtagact	cacctagaca	aataccccct	360
tggggttcac	ttcctaccca	agaagctgga	tgaggcagtg	gctgaagtcc	acctgcacag	420
gcta						424

<210> 13156

<211> 138

<212> DNA

<213> Homo sapiens

<400> 13156

ctgatata	ttccttag	gtactat	catc	atcttttt	gt	gagata	ccaa	aggaattttt	60
gttaggg	tgc	agcattg	ctg	tctgtc	tac	atctgat	ttt	tagaatctga	120
ctcacct	gcc	gcaac	acc						138

<210> 13157

<211> 278

<212> DNA

<213> Homo sapiens

<400> 13157

caggatc	ag	taactatt	gc	at	ttatat	gt	accgtag	g	ttgtatt	caa	aaattat	cta	60
tagcta	ag	ta	cacaata	agg	caaaa	ac	ara	ragana	ag	aa	aattttt	gt	120
ttaaat	gt	at	actatag	tac	cagtag	ggg	gc	ttata	ata	aa	ggactg	ta	180
aagttg	act	t	atagta	cat	g	ataaat	gata	gacaatt	gag	g	taagtttt	t	240
tgacatt	tt	ta	aaatt	t	ttttt	ac	att	ttttg	ggc				278

<210> 13158

<211> 237

<212> DNA

<213> Homo sapiens

<400> 13158

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cggtt	c	cc	gattcc	at	ctg	tat	ca	ca	gaa	cat	aga	a	ag	aa	gnacc	120
tctgat	cc	ag	tcaccc	ct	gt	ttt	ac	ca	at	g	agga	at	ct	ag	acccaga	180
cttacc	ca	ag	agtacc	ca	ac	a	actct	ct	ca	ccaccc	cagg	ctcc	cat	ctt	tgtgt	237

<210> 13159

<211> 404

<212> DNA

<213> Homo sapiens

<400> 13159

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gaggg	t	at	ga	cc	ag	agg	acc	cag	gga	ag	ac	actt	ct	g	ct	ccat	ct	ag	120
ccagt	g	g	tcc	cc	ag	ct	at	gga	ag	act	g	gt	ct	t	tc	ctg	gc	ct	180
actt	cc	at	ga	g	act	ta	g	ca	c	tatt	cc	at	ct	ct	cc	ga	ag	ct	240
cagg	a	ta	ga	t	a	act	caa	ag	t	gg	cc	ag	g	cc	tg	g	g	cat	300
catg	ag	g	cca	ag	gc	ag	g	ag	t	gc	ata	ag	g	at	g	ta	g	g	360
agc	ct	g	g	g	t	g					aaa	ag	a	g	c	ac			404

<210> 13160

<211> 129

<212> DNA

<213> Homo sapiens

<400> 13160

gaa	a	c	a	g	g	t	a	c	a	c	t	c	t	g	g	a	t	g	g	60
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tct	c	a	a	c	r														129	

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 <213> Homo sapiens

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 cggactgaaa aacctaaagc cagctctgat ttcttttcgc caagtgggaa ggtgggttat 120  
 ttttcttgct ttttggagtc aacacccttc cccaccagcc cttatcccca ccctcaccct 180  
 gcaaccctt macgccccct mmc 203

<210> 13162  
 <211> 229  
 <212> DNA  
 <213> Homo sapiens

<400> 13162  
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 cagctgagaa aggagacgat gaacgtgtag ctgacatgca cgaagtttaa tttactcatg 120  
 tccacggggg acgttttagag ggcacgtggg aaattttcca gcaatcaatg ccttgagaaa 180  
 cttaaatggg gaaatattat tcatcgagaa agtgaaacaa aacactagg 229

<210> 13163  
 <211> 440  
 <212> DNA  
 <213> Homo sapiens

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 tccaaccaca gtgaaactct ctgctcccag taagctgggg agcagagact ggggcctgaa 180  
 aggagacttg tcagagtacg tggagcctga gcctcctttc ccactagctc tgtcattaag 240  
 tgagtggcga agagaaggcc cagtggatca ccagttctca ccatgatggc actgtggctg 300  
 ccagggaacca aactctcagt cctgaggtgt tttttagaaa scatttacct tacctggaat 360  
 gatgcctcat tcttattcct cacccttatg ncgtacacat ccaaatayca cccatacttc 420  
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<210> 13164  
 <211> 164  
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 <213> Homo sapiens

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 ctcccctctg tgttgatttc cccaggagaa gctcgggaaa tgagccggcc gaagacgagg 120  
 gaatcagtgc agtgagatgt acagaaggaa gtctaattca aaag 164

<210> 13165  
 <211> 248  
 <212> DNA  
 <213> Homo sapiens

<400> 13165

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gttgtatttc	atatcacatt	ttacaaattt	cttccgattt	aaaggagagt	tctaggaagt	120
tttgtgatct	atgtccggtg	tgggtttttg	tcctctcgag	ttttgtctct	aataaaggcc	180
ttttttgtat	caaattacat	acgcttttta	ctgcacaatt	tttgtattga	ccttatttca	240
actgaagc						248

&lt;210&gt; 13166

&lt;211&gt; 330

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13166

aggaggagga	ggaagaggag	gaaggagggc	gagcgaggag	gatggcggag	tcggggctcc	60
tgacggtgaa	ttatgtaacc	tcattacgct	ggatgtagct	cacaatcaac	ttgaacacct	120
tccaaaggag	attggaaact	gtacacagat	aaccaacctt	gacttgcagc	acaatgaact	180
gctagacctc	ccagatacta	taggaaacct	gtccagttta	agtcgtcttg	gtctgagata	240
taacagactg	tcagcaatac	ccagatcatt	agcaaaatgc	agtgcacttg	aagaattaaa	300
tttagagaac	aataacattt	ctactttacc				330

&lt;210&gt; 13167

&lt;211&gt; 230

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13167

aggaagagga	ggaaggaggg	cgagcgagga	rgatggcgga	gtcggggctc	ctgacggaac	60
tctaataaat	cattgattga	ccagcactat	tttaccagtt	ggaatgaatg	atcagaaatg	120
ggcatagtgc	ttttagatcc	aacatgtaac	agatggatgt	tactccatgc	tgattacttc	180
ttcaagccag	tacttttttg	attgtgtagg	atctttgtct	cttcatcttt		230

&lt;210&gt; 13168

&lt;211&gt; 386

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13168

agtattcaca	tgttttaaac	tgaagctcgt	agcttggcag	tgcagtttaa	gcaaataaac	60
tcaggctggt	gaacacaaatg	attaacagga	agcaggggag	gggacatagt	tactagactc	120
tggccgggac	aagaggctga	ggttaaggtc	ttagagccga	tgacttgcag	aatggtcacc	180
tcacccactt	gcaatttcat	ggtgggaaca	ggtggacccc	ctggaatcag	aacctctctg	240
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tgaagagggg	aagaagaaa	aaaaag				386

&lt;210&gt; 13169

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13169

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gtccagcccc	aggcccaagc	caagggtgat	gtgtttcgtg	aagacctctg	taccaaggta	180
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actacctagg acgggcattt gatgctgact cccatcctcc tccacccccca cctcacacac 300

<210> 13170

<211> 259

<212> DNA

<213> Homo sapiens

<400> 13170

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aatcagagag	cataatcttc	ttacggggccc	gtgatttatt	aacgtggcct	aatctgaagg	120
ttctcagtc	aattctttgt	gatctactga	ttgtgggggc	atggcaaggk	ttgcttaaag	180
gagcttggct	ggtttggggc	cttgtagctg	acagaagggtg	gccagggaga	aggcagcaca	240
ctgctcggag	aatgaaggc					259

<210> 13171

<211> 397

<212> DNA

<213> Homo sapiens

<400> 13171

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gttcagccct	gagctggcgg	gtggacgggc	atggatccag	gcggtgggag	cagtctgcga	120
agtcagggta	ggaaggctac	acaaaggagg	cgacatccca	gcccggtcct	caggaataag	180
cgggcgtgcc	cgtgtggtgt	ggacggtgag	gggacactgt	attaagtgcc	ttatctgcat	240
tatcattgaa	tcttcatagc	aatcgattgt	gatgggtact	ggtcatctcc	ccgggttgta	300
gatgaggaaa	ctgaggcctc	agtaactttg	cttttagtcag	taaatagataa	gagtcagcaa	360
atgaattccc	aagcgtagac	tcggccgtac	cgctgct			397

<210> 13172

<211> 267

<212> DNA

<213> Homo sapiens

<400> 13172

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aaataccttt	cattggctct	ctgctgccaa	aggataaagg	tcaaagtcac	tagcctcaac	120
agtgggcttc	aaccagcctt	tggacctcag	ccccatttat	ccatcacaga	ggctggtaac	180
tagtctcact	gctcaggctg	tgagtgttcc	tgatcttggtg	acattctgtg	ctgtgctttt	240
acatggaaca	gctctttctt	ctctctt				267

<210> 13173

<211> 148

<212> DNA

<213> Homo sapiens

<400> 13173

caatgtgaat	agcttagaat	actgcaaagg	ataagctaata	tgaatgcctt	gaaagtatta	60
tccactgggc	agatgggtcaa	cttttttcag	tattatttat	agttggcact	tgattgcagt	120
tctgtgaggc	ttgagcattc	atacacc				148

<210> 13174

<211> 146

<212> DNA

<213> Homo sapiens

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atcctgcgat tgctgacagc ggtgcacaga acagtctgga atgttgctag ggacaggcag 120  
atggaaagga tactgcagag aagacc 146

<210> 13175  
<211> 137  
<212> DNA  
<213> Homo sapiens

<400> 13175  
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attaaagctg gttgtattat taatattatt cttggccaag tacagtggct cacatttgta 120  
atcccagcac tgggacg 137

<210> 13176  
<211> 479  
<212> DNA  
<213> Homo sapiens

<400> 13176  
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tttacctgtc aactctttac aaacagaaga tcgaatgcct tgcctactgt tttcctttgt 120  
aggatgacat gacttccttt tamaamantc ctcccctggg aaaaagagga acatgcagct 180  
atthgacaaa ggcggtgatg aatctgctgc tggaaggaga agtcaagcca aacaatgatg 240  
acccgtgtct gattagctag tggggaaggt gtaggaagct ctgttgagac acatgttctg 300  
aagtgtgttg tgtttcatgt tcaagcttaa tcaaggcagc cattaatata cgaactgagc 360  
atgctgggga ggtgaatgcc acatccttgg cggggttatg gacctcttgc atgtcatagc 420  
caatctaacg gtaatggtaa atgcttttaa tcaagcagga aaaagttctc atgattatg 479

<210> 13177  
<211> 256  
<212> DNA  
<213> Homo sapiens

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gcatgttgca tctataattc acgaacatgg tcaacaagat catgttcact tcaaccccat 180  
ttcatthaaa thaaagaaaa aaacctggcc gtgagccacg gcacctggag agaaaaaagc 240  
ttctthaatg acgacc 256

<210> 13178  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 13178  
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aggaagcagt gcccggcgac actgcaccca tcccggctgc ttttgctgcg cctctcagc 120  
ttccaagaa aggatgacac ttctgtggtg tgtagttagt ctctactttt atggaatcct 180  
gcaaagtgat gcctcagaac gctgcgatga ctgggggacta gacaccatg 229



<210> 13179

<211> 259

<212> DNA

<213> Homo sapiens

<400> 13179

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<211> 422

<212> DNA

<213> Homo sapiens

<400> 13180

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<211> 270

<212> DNA

<213> Homo sapiens

<400> 13181

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<211> 683

<212> DNA

<213> Homo sapiens

<400> 13182

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ggtgtagggc	aaagctgtta	gaaagattgt	agcgttttac	tctccctggg	ctttcctccg	540

ccttgctgca acagagagga aatgcccattg tccacagctt gtacacactg cccctcact 600  
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 <213> Homo sapiens

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 tgttggcgtg ggggtggagg ggtgaggtgg gcgctaagcc tttttttaag atttttcagg 180  
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 <211> 399  
 <212> DNA  
 <213> Homo sapiens

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 taatctctgc tgaaactcag tgcaaaaaaa agaaaaaaga aaaaaaaaag graaaaawtaa 180  
 aaaamccatg tatatttgta caaaaagttt ttaaagttat mctamcttrt atttcnatt 240  
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 ctcttgtagt tcttgaaagg cagcaggagc atttttgggg tcacactgat attttggttaa 180  
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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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cccagctcca	356

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 <213> Homo sapiens

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 ggtctctagg gattttaaca agattttctt tatttttagaa gtacacagat taaatttcaa 180  
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 tgccccccc 429

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 aacaagacta tgcgcattcg catgacagat ggacggacac tggctcggctg cttcctctgc 180

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gtttccattg	aggtgcagag	ggagagtctg	accgggcctc	cgtatctctg	accacgaggc	360
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<210> 13195

<211> 386

<212> DNA

<213> Homo sapiens

<400> 13195

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<212> DNA

<213> Homo sapiens

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gaggatctgc	ccagtccggc	ggctgccgtc	ttccagcctc	cccatcagcg	tttggatgcc	360
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<210> 13197

<211> 322

<212> DNA

<213> Homo sapiens

<400> 13197

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<210> 13198

<211> 319

<212> DNA

<213> Homo sapiens

<400> 13198

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cagaacggcc	cttcaaagt	gagaaatgtg	aggcagcttt	cgccacgaag	gatcggctgc	240
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<211> 381

<212> DNA

<213> Homo sapiens

<400> 13199

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<210> 13200

<211> 497

<212> DNA

<213> Homo sapiens

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<210> 13201

<211> 165

<212> DNA

<213> Homo sapiens

<400> 13201

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<210> 13202

<211> 301

<212> DNA

<213> Homo sapiens

<400> 13202

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ccccggtgtg caccggacca cggggaggcg gctccaaagg cgcggtgaac gttggtgagg 180  
 gagggcagct ctgcgcascc caagacatgg ctcacaacaa gatcccgccg cgggtggctga 240  
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<210> 13203

<211> 296

<212> DNA

<213> Homo sapiens

<400> 13203

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 gctacatcaa gggcatctgc ggaatatact gtgaggcatg gtgaacgagc agaagtatcg 240  
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<210> 13204

<211> 163

<212> DNA

<213> Homo sapiens

<400> 13204

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<210> 13205

<211> 203

<212> DNA

<213> Homo sapiens

<400> 13205

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<210> 13206

<211> 206

<212> DNA

<213> Homo sapiens

<400> 13206

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 tgataagttg aataaggaaa ggctaagata atttacaggt taccaactca tgtggggaag 180  
 gtcttactgn catggtgctt ttcagg 206

<210> 13207

<211> 278

<212> DNA

<213> Homo sapiens

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aaagaagcca	gaaaatatta	tcaacsmitt	gagaacac			278

&lt;210&gt; 13208

&lt;211&gt; 170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13208

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agggatcatt	tattttcttt	ctttctttct	ctctttcctt	ccttctctcc		170

&lt;210&gt; 13209

&lt;211&gt; 164

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13209

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gcccaagaca	attcttcttc	cagtgtggcc	cagggaaacc	aaaagattgg	acaccctgt	120
actaaaggct	ctccactca	tgtgctgag	tgaagatagt	gtag		164

&lt;210&gt; 13210

&lt;211&gt; 307

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13210

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gttgggc						307

&lt;210&gt; 13211

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13211

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cgctgctgct	caccacagag	ggcgtcctgc	tgcccggtc	caccatgmsc	accagcgtgg	180
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&lt;210&gt; 13212

&lt;211&gt; 225

&lt;212&gt; DNA



<213> Homo sapiens

<400> 13212

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ccacccccgg	gagggnaagg	gggctggagg	cgaggcttga	gggcggcgga	ggaatggtgt	180
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<210> 13213

<211> 337

<212> DNA

<213> Homo sapiens

<400> 13213

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<211> 391

<212> DNA

<213> Homo sapiens

<400> 13214

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cacagttggc	acaaacgcag	ggtaaaccgg	ctgtgtgaga	aaacggccct	gactgtaaac	360
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<210> 13215

<211> 243

<212> DNA

<213> Homo sapiens

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<210> 13216

<211> 147

<212> DNA

<213> Homo sapiens

<400> 13216

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 13219  
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<212> DNA  
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<212> DNA  
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<400> 13221

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<210> 13222

<211> 189

<212> DNA

<213> Homo sapiens

<400> 13222

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naggaggagg	tttgagctga	gctcaggcac	aggtctctct	ctctctctct	ctctctgaca	180
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<211> 302

<212> DNA

<213> Homo sapiens

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gccttcaaag	ggacgactct	gtaagattct	ctgctactta	ttcaagttga	cacgatgcc	240
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<210> 13224

<211> 392

<212> DNA

<213> Homo sapiens

<400> 13224

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<210> 13225

<211> 216

<212> DNA

<213> Homo sapiens

<400> 13225

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 ctatttcccc tccctctctc ccgccccgta tctcttttca ccttctctcc accctcgtc 180  
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<210> 13226

<211> 256

<212> DNA

<213> Homo sapiens

<400> 13226

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 agccccggag gtggtccccg atccccgggt atgctcttgg atctgagaaag ggaaggcgga 180  
 gggcggnsgg gacaagatgg gtggagaatg tcaagcaakg aatgctaggc gggggagkrg 240  
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<210> 13227

<211> 251

<212> DNA

<213> Homo sapiens

<400> 13227

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 agccccggag gctgccgcgg gcggacacgc cagaggagga ggccggggaa tggccgcggt 180  
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<210> 13228

<211> 367

<212> DNA

<213> Homo sapiens

<400> 13228

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 gcgggggacg ggagcgggca gctcaggcct cagggcarcc ctsggaggct tctggcagtr 300  
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<210> 13229

<211> 148

<212> DNA

<213> Homo sapiens

<400> 13229

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 gatgagagta gagttggcct atgctgtccc tcccaggact cctttaccca agagaaagag 240  
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 tggagtacca gtgttggcag tacccttagc attggagggg aaggctagtc atagagagat 480  
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cgtagctccg agcccaagcc cctccccctcc actcccccttc ctgctgccc cggagccgcc 180  
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<212> DNA  
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<210> 13237  
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<213> Homo sapiens

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&lt;210&gt; 13239

&lt;211&gt; 245

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13239

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&lt;210&gt; 13240

&lt;211&gt; 394

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13240

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&lt;210&gt; 13241

&lt;211&gt; 220

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13241

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&lt;210&gt; 13242

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13242

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tctgtctttt	tatgttcagg	gtgtctttct	aggctcaatc	aattcccatg	atgaagtaaa	180
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gaagggtggc	tccggtgatc	ccagccctag	ctgtttccca	tattccttta	tcgtgagtgt	180
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<210> 13245  
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 <212> DNA  
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<210> 13247



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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

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<211> 347

<212> DNA

<213> Homo sapiens

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<211> 156

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<210> 13261

<211> 141

<212> DNA

<213> Homo sapiens

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<210> 13262

<211> 670

<212> DNA

<213> Homo sapiens

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agaagcagag	aagctcggcg	gccagtcata	tctcgaagg	tgtttggtt	gtttaacagc	300
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<210> 13264

<211> 308

<212> DNA

<213> Homo sapiens

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cagryaagaa	ctcctattgc	ttcctctcca	gctctgaagt	acctcagctc	agggacgtgg	240
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<211> 405

<212> DNA

<213> Homo sapiens

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<211> 241

<212> DNA

<213> Homo sapiens

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ccggccaggt	ccctgggctg	ccaggcctgg	cctacgcacc	actttgtccc	ttagcggtta	180
aagggtttctt	cccgaatctc	aggccctcag	ctacctgcag	gtttcgtcgc	gagccggctg	240
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<210> 13267

<211> 187

<212> DNA

<213> Homo sapiens

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ggtagaggtc	gygggyagtt	ggtgggcaca	agagcgagag	gacatcatta	tgaaatacga	180
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<210> 13268

<211> 290

<212> DNA

<213> Homo sapiens

<400> 13268

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agtggttcct	agtacgtcct	tgtgcaacga	ataaatggat	ggttggtgaa	cagtccgaca	240
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tctatgtaaa	gttattagaa	tggtatctgt	tcatttttagt	gatatgaaga	tcacaactaa	360
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&lt;210&gt; 13278

&lt;211&gt; 244

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13278

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agta						244

&lt;210&gt; 13279

&lt;211&gt; 320

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13279

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&lt;210&gt; 13280

&lt;211&gt; 131

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13280

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&lt;210&gt; 13281

&lt;211&gt; 377

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13281

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 cactttgaaa gtcatggtct ggtgccagat ttaagaaact cgaaccacct aatatttcat 180  
 aaccttcttc attaggtact tgtacagatt aatttctaac attgcagcag tttcatatgt 240  
 gtgcaatatg tgcattcttt catttttagt ttgcacttgg ttttctataa agtacgtttt 300  
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agaaggtg 128

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gta						243

&lt;210&gt; 13306

&lt;211&gt; 541

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13306

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&lt;210&gt; 13307

&lt;211&gt; 180

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13307

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&lt;210&gt; 13308

&lt;211&gt; 128

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13308

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&lt;210&gt; 13309

&lt;211&gt; 116

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13309

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gatgtggatg caaacaaggt tattcttaat yytgtaaata cgaatctttc caaaggagat 180  
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gtttaggacc caacatttat gtaactgggg gctacaggac ggataacata gaagctcttg 180  
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agaggcgamg gaggcgagac acccacttcc ccactctgcat tttctgctgc ggctgctgct 240  
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<212> DNA  
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 gccgacagac tgaaggacag cggcaccgcc agacggccag aaagttccgc catgagctgg 180  
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249

<210> 13341

<211> 253

<212> DNA

<213> Homo sapiens

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cacttcatga	gatatctctg	ctcacgcttc	caagttgttc	tcaatgacat	tagccaaagt	180
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<210> 13342

<211> 225

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tcgccgtcca	ccaggtccct	ctctctgtcc	ccggccggcc	tggagcagcc	gccggcgcc	180
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<210> 13343

<211> 177

<212> DNA

<213> Homo sapiens

<400> 13343

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<212> DNA

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aggtattttt	ggtagcctca	ggaaggaaat	ctgatctgta	taatttactg	ttaaattttt	180
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<212> DNA

<213> Homo sapiens

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cccaggctgg agtgcaaggc accgtctcgg ctcaccacaa cctctgcctc ccag

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<213> Homo sapiens

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<211> 393

<212> DNA

<213> Homo sapiens

<400> 13347

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gacttaacta	gttttgtcat	tccatttggt	aaagatanng	tcaccaagaa	tgttttgagt	300
tttttgaaag	accccaattt	aagscctgct	tatttttaaa	ttakgtccat	tcagtgatgt	360
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<211> 429

<212> DNA

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gagtcgttct	tggaataacct	atgtgcagcc	actaccatc	tcaatgtcac	cttgtttgca	180

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004229"6667560



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&lt;210&gt; 13355

&lt;211&gt; 176

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13355

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&lt;210&gt; 13356

&lt;211&gt; 307

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13356

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&lt;211&gt; 331

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13357

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&lt;210&gt; 13358

&lt;211&gt; 334

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13358

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agtgcagacc gagcaaagag agttagaata aaagaggtag atggctggac cctgaggatg 240  
ctaattgatt acgttttacac tgcagaaatt caggttacag aagaaaatgt rcaggtaaga 300  
gtaaacactt cacaccatct agctttttat gcatacagtt ttttttaata aaaaaagcac 360  
ac 362

<210> 13363  
<211> 141  
<212> DNA  
<213> Homo sapiens

<400> 13363

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<210> 13364

<211> 417

<212> DNA

<213> Homo sapiens

<400> 13364

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aaattgtata	gtttcattga	tttaatcata	aataatggaa	atggctctcca	agaagtttta	180
tttttcattt	ttttgcttat	acactctgat	tcctataata	cagtgcctata	agctatgcac	240
agraaataaa	atgtttgraa	tccaagaata	atggttctta	ctgctaagag	ggagtaatat	300
ttattactaa	tgattttgat	tgggttgcat	ttttgttgca	atgtttattc	cacttgcagt	360
tagaatatga	atatgtttta	tcactagtgt	ggctaaataa	ccaaacattt	gtgtaaa	417

<210> 13365

<211> 400

<212> DNA

<213> Homo sapiens

<400> 13365

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cggggcgtgg	tggtcacgc	ctgtaatccc	agcactttgg	gaggctgagg	caggcagatc	180
acgaggtcag	gagatcaaga	ccatcctggc	taacatgggtg	aaaccccgtc	tctactaaaa	240
atacaaaaaa	ttaaccagac	gtagtggcag	gtgtctgtag	tcccagctac	ttgggaggct	300
aaggtaggag	aatggcgtga	acctgggagg	cggasttgta	gtgagtcaag	atcgtgccac	360
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<210> 13366

<211> 197

<212> DNA

<213> Homo sapiens

<400> 13366

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gtagaattat	ttcatgactg	catggscccc	tctggtgtat	naktaaaata	attaattagc	180
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<210> 13367

<211> 159

<212> DNA

<213> Homo sapiens

<400> 13367

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ctaattataa	tatatggtca	ttgttggtta	tgggaaaata	taaagaagaa	ttaaataacc	120
ataatataat	tgccataattg	aggcaatcct	ttttttttt			159

<210> 13368  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 13368  
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 agaaaaatgg caagaatctt agtaagggtg tagccagctt ggtaactgca tagtaatcga 180  
 gaggctgtaa gatgggaatt catcgtaggc agcgaggtag agtgggtccc ctgaaatggg 240  
 attcgcttgg cactgcctct taaagatagn ggtgttggga tcttgattgt ggccgcccc 300  
 cccagcttta cctgcccact ttgtccttct tggcaagcct gttcacatg 349

<210> 13369  
 <211> 231  
 <212> DNA  
 <213> Homo sapiens

<400> 13369  
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 aaatatccag gtaataaaac ttatgaatgg cagattcatt gagtgggaat aagggaaata 120  
 caagggtggg gaggggtatg ttttctgcct tgaggttgaa ataatcgta tcttccccta 180  
 gttaccatac tgagtatatt tacattgtcc accctttttt tttgagacgg a 231

<210> 13370  
 <211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 13370  
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<210> 13371  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<400> 13371  
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 taaaaaacca attttattcc ttcagatctt tgggaaatca cctaccataa gaatcttagg 180  
 ggtcgatgtt gggattagtgt gtattccagc cctggatcag tccatcagta ccaccactgt 240  
 aacactgctc accattgctg ctcatocca cacaagcac tggacctctg ggagattaan 300  
 arnaataaat caactgctat tctcaaaaac caacctgata atatgacttg ttaaaaatna 360  
 garkgtttta ttacccaaat ggctatTTTT ctgcttttta taaamnatga aracacaggt 420  
 wctatcaaag cactgttcat t 441

<210> 13372  
 <211> 199  
 <212> DNA  
 <213> Homo sapiens

<400> 13372  
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cagggtgctct gttgttctgt tggattcata catcttcaag cacagctctg attaattagc 120  
 tacgttttta ttgatggccc gtttaggcca tcctcaggca gattaactcc tcagctttaa 180  
 tatttcattt gatagcatc 199

<210> 13373  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

<400> 13373  
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 aataccaatg attctcaaac ttgttgacaa aaatcatctg gaggatattt taaaacagat 120  
 cactgggtcc taccaccaga agctgctgat tcagtacatc tgggggtga 168

<210> 13374  
 <211> 557  
 <212> DNA  
 <213> Homo sapiens

<400> 13374  
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 tctargagga tttgctgarc tcattgggaag taatgggcct caaaagtttt gcattgaaaa 180  
 agttggcaaa gacacttggg taccaagaag ccatacatgt tttaatcgct tggatctacc 240  
 accatataag agttatgaac aactaaagga aaaasttctt ttgcaatag aagagacaga 300  
 gggatttgga caagaatgaa tgtggcttct tattttggag gagctcttgc atttaaatac 360  
 cccagccaag aaaaattgca cagatagtgt atataagctg ttcattctgt acagtgaatt 420  
 ttccgaacct ctcaaagtat gttttccggt ctccacaga aatatgcaaa acagttcatc 480  
 cttttctact ttattttattg ttcccttgaa atgactgacc aggaaaaaga tcatccttaa 540  
 attttgaagc aagtggag 557

<210> 13375  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 13375  
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 ataccgctac caagatgaag acacgcccc 149

<210> 13376  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 13376  
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 gattgaattg tgcttttgag tgaaccaggt ttttaataac cgctgtggtt gtttcgccat 180  
 ggcttcaggg atgctacatg gctcttgac cttttactcc tctgctttat gaagtttgag 240  
 ttgtatttgt gcatcttaaa gtaggttgag gcttgaggct gggctttcgg gtttttttgt 300  
 tttttgtttt gttttgtttt gttttgtttt cttgtactta aacctgcttg cttcctacca 360  
 cagattcttt attttcccaa acactacaaa aaaactttta aaactttgcc atttcatctg 420

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450

<210> 13377

<211> 128

<212> DNA

<213> Homo sapiens

<400> 13377

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taaaaatggc	gttctaggt	tggcacagt	gcttacgcat	gtaatcccag	cactttggga	120
ggcagaga						128

<210> 13378

<211> 172

<212> DNA

<213> Homo sapiens

<400> 13378

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ccgcgccgg	cgtccggagc	atggcggacc	cccagagctg	ttttatgacg	agacagaagc	120
ccggaaatac	gttcgcaagt	gaggggagcc	tgaatactgc	ggggcgctccg	gg	172

<210> 13379

<211> 483

<212> DNA

<213> Homo sapiens

<400> 13379

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gcgtagtggc	tcacgtctat	aatcctagca	ctttgggagg	ctaagacagg	aatattgctt	180
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aaaaaaatta	gccaggcatg	gtcacatata	tctatggtcc	tagctacttg	agagactgag	300
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cactcagcct	gggtgacaga	gcaagaccct	gtctcaaaaa	maagmaaaaa	atatttcaac	420
ttttcagttc	tgccactgat	acttttcagt	tgtaatgtct	atrtcataca	tatctgtatc	480
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<210> 13380

<211> 460

<212> DNA

<213> Homo sapiens

<400> 13380

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gatcactata	aatttccactg	tagaacattt	tctgtaagga	aaaattccct	aatggagtca	120
aagaacagag	gaggcataca	atgacttcag	gcaaagcaga	accttttgac	tcacacaaca	180
ttatattatt	ttgtcagctt	tatatatttt	gaaacatttt	tactatgagt	gaggcaagag	240
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ggagtgaaga	tgacactaag	ggtactacga	gaacattcct	tcccatgtaa	actaatagt	360
taataaatac	tcatatagtt	actagtttta	gttgccaaac	ctagtttgta	aatggtaaat	420
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<210> 13381

<211> 503  
<212> DNA  
<213> Homo sapiens

<400> 13381  
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 taggatcatg tagcagaaac tttaatctaa cccttttagcc ttctatttaa cacaaaaatt 180  
 tgaaaaagtt aaaaaaaaaam aggagatgtg attatgctta cagctgcagg actctggcaa 240  
 tagggttttt ggaagatgta atttttaaatt gtgtttgtat gaactgtttg tttacatttc 300  
 ttttaataaaa aaaacactgt tttgtgtttg ctgttagaaa cttaatcagc attttgaacc 360  
 aggttagctt tttattttgt actttaaatt ctggtagtga cacttcacag gctaagtata 420  
 aaatgaagtt ttgtgtgcac aattcaagtg gactgtaaac tgttggtata ttcagtgatg 480  
 cagttctgaa ctgttatatg gca 503

<210> 13382  
<211> 146  
<212> DNA  
<213> Homo sapiens

<400> 13382  
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 agtttgcca agagcatata gcatag 146

<210> 13383  
<211> 241  
<212> DNA  
<213> Homo sapiens

<400> 13383  
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 ataaattttg cttccaatct aagtgttttt ttggatccc aactactcga cctccagttt 120  
 gcaatgtcac atttttctat acatcagtat ttgttttcag taatacattt tttattaaat 180  
 aaattttgaa aaatcaagan aaagaagcaa aaaaatgaaa ttacttgta tcctactcca 240  
 c 241

<210> 13384  
<211> 165  
<212> DNA  
<213> Homo sapiens

<400> 13384  
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 cttttccttt ttctgctacc agctaaatac tttggcactg actac 165

<210> 13385  
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<212> DNA  
<213> Homo sapiens

<400> 13385  
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aatggccaga tttgacatca tccctcttct gtgccagaag gaacaattag tccttccata 120  
aatagatcaa tatttgctca tgctgtagac tatggaatcc aacctgtagt atcctttctg 180  
catgttgga ccaagccc 198

<210> 13386  
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<212> DNA  
<213> Homo sapiens

<400> 13386  
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cccccttct gatccacgag ctggagtgat tagagccctg gaagggaatt gttactcccg 120  
tggaagaagtc ccttttctt ggagtcgtc tgcactgtac acgctggatg cctctctcca 180  
tccaccc 187

<210> 13387  
<211> 247  
<212> DNA  
<213> Homo sapiens

<400> 13387  
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cctctctggcc ctgcattatc caatatggta gctactagcc agtgggtctg ttgagcactt 180  
gaaatgtggc tgaccaaatt gagatgtgct gtgtgaaata gccctccata tttgtgggtt 240  
ccccctg 247

<210> 13388  
<211> 231  
<212> DNA  
<213> Homo sapiens

<400> 13388  
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gaataatgtg ttatgtaaca ttttaataaga cctaggtgtg tgtatgtgtg tgtacatgtt 180  
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<210> 13389  
<211> 624  
<212> DNA  
<213> Homo sapiens

<400> 13389  
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ggccctgttt ctttgttcct ttgttaatat cttgaattta gtccctccat ccttaatccc 480  
cccatccctc cccatcatgc aaccagtggg ttaatccatg taccaatagg ggctagtacc 540  
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624

<210> 13390

<211> 387

<212> DNA

<213> Homo sapiens

<400> 13390

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cctttttacaa	atgggacaac	aggtttagagg	aagtcaggca	gatttccagc	atcatagaga	180
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aaacaggctg	ttgggaggat	caaatgagat	ccaggggtga	aaacagctta	gtttactttc	360
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<210> 13391

<211> 208

<212> DNA

<213> Homo sapiens

<400> 13391

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gccccagcta	tgcttttcta	atgatcaaaa	acataccaat	ttgtcccaaa	atttcaaata	180
gtgcacatctg	ttctccccctg	catcctac				208

<210> 13392

<211> 215

<212> DNA

<213> Homo sapiens

<400> 13392

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ctacacaact	taagtggggc	gtccccatcc	catcttctctg	cgcrcctctc	ttnnccccc	180
actccatctc	tgcgacactt	ccccaccccc	actcc			215

<210> 13393

<211> 490

<212> DNA

<213> Homo sapiens

<400> 13393

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gcctgtccat	gccattcctt	cgcacagatg	aaactgagct	gggactggaa	aggacagccc	120
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ccacaaaata	tgtgaatttg	ctgcttctga	gaggcaatgt	gaaagagggg	gtattacttt	420
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aatattgaag						490

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 <212> DNA  
 <213> Homo sapiens

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 ggtaaggagt ttaaaggaaa taaatattca aactgggtct cattgccaat tttggtggaa 180  
 atgagtttgt gtcatttcaa ttacaaagat aaaagtatgc catataattt atttatatga 240  
 agatttattt ttgtagtga gntagtagtc atcaagtctt ttgacagaag tatattttta 300  
 aagaatttat atgtgatgaa tccataatgt ctggaacttt gctgagacat gagtggg 357

<210> 13395  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 13395  
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 ggggcgagcagg atccggcggg aggagtctaa gaggaggagg cggcgggtgcc ggaggaaga 179

<210> 13396  
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 <212> DNA  
 <213> Homo sapiens

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 caggtaaata gttccactaa tatttttata gagattttta aagttcaaatt catccatgcc 180  
 cc 182

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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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 gttgagcatt tatrattact tcaactgaga ccnaaataga aacacacaca cacacacaca 180

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 <212> DNA  
 <213> Homo sapiens

<400> 13399  
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 cgcaaccca 129

<210> 13400  
 <211> 250  
 <212> DNA  
 <213> Homo sapiens

<400> 13400  
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 aaaaagtcga aaacwgttga aattaattta cgaataagaa cagatacaca ctttgtgggg 180  
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<210> 13401  
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 <212> DNA  
 <213> Homo sapiens

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&lt;212&gt; DNA

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;212&gt; DNA

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&lt;212&gt; DNA

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gatgacctgg tggaaagctgt aggggaacta ttgcaagagg tgtccgggga cagcaaggat 180  
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<212> DNA  
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<210> 13446  
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<212> DNA  
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gccttccggc agaagctggt cagtcaaata gaggatgcca tgaggaaagc tgggtgtggca 180  
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<210> 13447  
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<212> DNA  
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<213> Homo sapiens

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<400> 13449

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cgggctggac	cagcagtttg	ctggcctaga	cctgaactct	tcagataatc	agagtggagg	180
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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
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<210> 13457  
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 <213> Homo sapiens

<400> 13457  
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<210> 13458  
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<400> 13458  
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<210> 13459

<211> 252

<212> DNA

<213> Homo sapiens

<400> 13459

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caatcagtaa	tattagcaaa	tctccaaatg	ttagtcacat	tggtttgtct	cccttgatca	180
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<210> 13460

<211> 170

<212> DNA

<213> Homo sapiens

<400> 13460

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<210> 13461

<211> 483

<212> DNA

<213> Homo sapiens

<400> 13461

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<210> 13462

<211> 537

<212> DNA

<213> Homo sapiens

<400> 13462

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cactgcctac	agggaatttt
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tctactcttg	tcttggtatc
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tgtagtaacc	accattttca
ctgacatcct	ttggatcagg
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gcccttcttt	tttatcttgt
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ccccgcgaga	ttccaggacc
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<210> 13466  
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<400> 13466

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<210> 13468  
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<400> 13469						
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<210> 13470  
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 <212> DNA  
 <213> Homo sapiens

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473

<210> 13471

<211> 315

<212> DNA

<213> Homo sapiens

<400> 13471

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<210> 13472

<211> 288

<212> DNA

<213> Homo sapiens

<400> 13472

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<210> 13473

<211> 274

<212> DNA

<213> Homo sapiens

<400> 13473

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<210> 13474

<211> 470

<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

<400> 13479  
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<213> Homo sapiens

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<211> 134

<212> DNA

<213> Homo sapiens

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<210> 13483

<211> 93

<212> DNA

<213> Homo sapiens

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<211> 167

<212> DNA

<213> Homo sapiens

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<211> 297

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 13486

&lt;211&gt; 169

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13486

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&lt;210&gt; 13487

&lt;211&gt; 140

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13487

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&lt;210&gt; 13488

&lt;211&gt; 479

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13488

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agaaagaaga	taaaagaaaa	gatgattcta	aagatgatga	tgaaactgaa	gaagataaca	360
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&lt;210&gt; 13489

&lt;211&gt; 314

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13489

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 ccaaaagact acctcttgag tgagagtga gatgaggggg acaatgatgg agagagaaaag 180  
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 cagtkaggg 249

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<210> 13494  
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<400> 13494

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aagccccgct	gctgttccac	caacaaccac	tggagggccc	caaacacagc	tgtgcatcta	240
cacagcttcc	catcactcas	actcgacagg	tgcccagcaa	gcccattgac	cac	293

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 <212> DNA  
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&lt;210&gt; 13499

&lt;211&gt; 184

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13499

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&lt;210&gt; 13500

&lt;211&gt; 191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13500

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ccaacttgta	acttaataaa	tacaggaaat	cctcagagaa	ggtgatattt	tcaggaaaaa	120
gacmaatgcc	ctcatagtag	tggaagtgt	gaaggtgacc	gtgaacatcc	ttcctcatcg	180
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&lt;210&gt; 13501

&lt;211&gt; 317

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13501

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tgagtaggtc	agtctag					317

&lt;210&gt; 13502

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13502

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ttgtgattac	aagcaaattt	tctatttgac	aaagcccttg	gtggagtcca	aatgattttt	180
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 <212> DNA  
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 <213> Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13521

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&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13522

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&lt;210&gt; 13523

&lt;211&gt; 104

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13523

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13524

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&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13525

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&lt;211&gt; 188

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13526

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&lt;211&gt; 168

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13527

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&lt;211&gt; 257

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13528

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&lt;210&gt; 13529

&lt;211&gt; 412

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13529

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&lt;210&gt; 13544

&lt;211&gt; 178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 13545

&lt;211&gt; 387

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13545

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&lt;211&gt; 165

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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accactagks ccaggtaacc attgggccaa aggatcagtt gagaaacagk kaaggatgaa 480  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 13564  
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 attctatttg tgttggggaa tggggagggtg gcttttaact ttaatgtttt gattaaggat 180  
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 <213> Homo sapiens

<400> 13567  
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 cgaccctagc atttaaaatg gagtggaaat cctgaagaat ggaactgtag agcattgggtg 240  
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<210> 13569  
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<210> 13570  
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<213> Homo sapiens

<400> 13570

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<210> 13571

<211> 136

<212> DNA

<213> Homo sapiens

<400> 13571

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<210> 13572

<211> 408

<212> DNA

<213> Homo sapiens

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<210> 13573

<211> 384

<212> DNA

<213> Homo sapiens

<400> 13573

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<210> 13574

<211> 366

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 13575

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13575

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&lt;210&gt; 13576

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13576

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&lt;210&gt; 13577

&lt;211&gt; 156

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13577

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&lt;210&gt; 13578

&lt;211&gt; 415

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13578

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<212> DNA  
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<210> 13582  
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<212> DNA  
<213> Homo sapiens

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<210> 13583  
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<212> DNA

<213> Homo sapiens

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<210> 13584

<211> 272

<212> DNA

<213> Homo sapiens

<400> 13584

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<211> 317

<212> DNA

<213> Homo sapiens

<400> 13585

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<211> 127

<212> DNA

<213> Homo sapiens

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<211> 164

<212> DNA

<213> Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13598

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13599

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13600

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&lt;210&gt; 13601

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13601

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&lt;213&gt; Homo sapiens

&lt;400&gt; 13607

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13608

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13609

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&lt;210&gt; 13610

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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277

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<211> 317

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gctcacagca gatctagcct tctctgagca gtgaagatgg gatgtttggt catTTTTccct 180  
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 taccgcgagc accgctccga gctgaacctg cgccgcctct tcgatgccaa caaggaccgc 180  
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 aaagggaaag tgaagagcaa atatctggct caaaggaggg gccaagaggc ctagcacaa 180  
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 ggcctctcca tcggccccga cttccagagg gcctgaagga tggaaactatc ttatgcacac 240  
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<213> Homo sapiens

<400> 13633

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<211> 354

<212> DNA

<213> Homo sapiens

<400> 13634

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<211> 193

<212> DNA

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<211> 357

<212> DNA

<213> Homo sapiens

<400> 13637

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tcttcccgaa	craacggtgg	taaagaggca	acaktggccc	agaggtrrgg	agcttgtscy	300
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 ctcaccaggg aacaatcttc tcaggttggt gtgtaatttg agtgagccaa ggaccagagg 180  
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 cacatataaa attcacactt ctaaagtgtg taattcagtg gttttgaggt tttcacagga 180  
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 aagacagcag cgtttgtcct tcccatcttg cagaagctgt ctgaggatcc ctatggcatc 240  
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 <212> DNA  
 <213> Homo sapiens

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<210> 13642  
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[illegible]

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 <212> DNA  
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ccttcaagga	cacactggga acttacggac ctctttctcc atggtgcaga gcgcagaggt
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	60
	120
	180

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cgtattaact	ctggaatcct	atgggctcat	cttgctcacc	caatgtggga	gtctgggttg	420
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cagactatgt	aactatgtcc
120	
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aatttaacct	aaagataggg
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cccaggctga	tctcgaactc
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catagg	
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argtgtckg	cmagcaccca
gagcacgcca	gcacccagcc
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tcaatgtggg	tgattttktt
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aggtggaatg	tcactacacc
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gcactctcaa	ggtatctctg
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ggaataaggg	gaatgattgg
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366	

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 <212> DNA  
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&lt;210&gt; 13660

&lt;211&gt; 418

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13660

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&lt;210&gt; 13661

&lt;211&gt; 415

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13661

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&lt;210&gt; 13662

&lt;211&gt; 364

&lt;212&gt; DNA

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&lt;400&gt; 13662

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cgaa						364

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 <212> DNA  
 <213> Homo sapiens

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&lt;210&gt; 13668

&lt;211&gt; 422

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13668

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&lt;210&gt; 13669

&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13669

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gcatagcaac	aaacaccatg	acacagcaac	aaacatcatg	gcacatcatt	ttccagtttt	240
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&lt;210&gt; 13670

&lt;211&gt; 138

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13670

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&lt;210&gt; 13671

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13671

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 caccagktgc tcatncaagt cctatgttgc aaagttaact ttaccctttt ttacattact 480  
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 taagaaatca agaagaggat aaaaaatata atcaggatgt ggactctaaa acggaataaa 660  
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 cctgcacttc ctcaagtaat ccaacttgat ggagcattcc actgtctacc acagctagcc 180  
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<210> 13676



<211> 129  
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aatcagg 187

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 gagagatac tgcattgagat ggaggcccg caggaggagg aggaagacag gggccagcag 480  
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cagaacagct gatgctaacc agtttgaaga ccccnagw ggaacagaat cagcatgaga      180
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&lt;210&gt; 13686

&lt;211&gt; 151

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13686

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&lt;210&gt; 13687

&lt;211&gt; 331

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13687

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&lt;210&gt; 13688

&lt;211&gt; 310

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13688

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cggcgssccc gacggagcag aagagagaga aagagagaga gctagctgtg ggattctgtg      180
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cccagttcag tacttgacca matyccargr attwaatggt gtctgtctat ggcmacagcc      300
aaccagaatg                                310

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&lt;210&gt; 13689

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13689

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cggcgssccc gacggagcag gtaaaatgtg gataatacgg ccgggcgcgg tggttcatgc      180
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<210> 13694  
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 <212> DNA  
 <213> Homo sapiens

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134

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<211> 355

<212> DNA

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<212> DNA

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<211> 132

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132

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<211> 373

<212> DNA

<213> Homo sapiens

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<210> 13701

<211> 143

<212> DNA

<213> Homo sapiens

<400> 13701

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<210> 13702

<211> 169

<212> DNA

<213> Homo sapiens

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<210> 13703

<211> 299

<212> DNA

<213> Homo sapiens

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<210> 13704

<211> 134

<212> DNA

<213> Homo sapiens

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 agtTTTTttg tgggggtaca ggagggggcc ttcaagctgt actgtgagca gacgcattgg 180  
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cccatcattt	ccttagttct	caacagagag	gagaccctgg	gatgggcagc	tcnctctgta	300
gcttgtcatc	ccgtcatctc	cccattgtct	ctctatcctc	tgctcaagtc	tggtgagtc	360
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<212> DNA

<213> Homo sapiens

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cagccaaaag	accaagatta	gattgcttta	ttcccaagtg	aaaaacagtc	tctacaatgc	300
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<210> 13711

<211> 398

<212> DNA

<213> Homo sapiens

<400> 13711

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gcattcaggg	aacagtttcc	ttagcggnc	ctggtcacat	gtcatcgggc	tgggcaggaa	360
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<210> 13712

<211> 222

<212> DNA

<213> Homo sapiens

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ttagctttga	aaatattttg	ggtgatactt	tcattttgca	catcatgcac	atcatggtat	180
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<210> 13713

<211> 128

<212> DNA

<213> Homo sapiens

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aaaaaaaa

128

&lt;210&gt; 13714

&lt;211&gt; 215

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13714

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&lt;210&gt; 13715

&lt;211&gt; 250

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13715

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&lt;210&gt; 13716

&lt;211&gt; 187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13716

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atacgatagt	tattgttggt	tgatgtcctc	tctcagaaaa	ataaaaaatt	agcagtccta	180
gtagat						187

&lt;210&gt; 13717

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13717

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ccatgtgagg	acacagcgtg	tgtcccctct	gaaggacaca	gcgacaagcc	tccatttttg	180
gcagagagca	gc					192

&lt;210&gt; 13718

&lt;211&gt; 130

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13718

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 aggaacctct gtcttgtgca ttcactcatc gtccatgctc tcaccctcgt ctggaggggc 180  
 aggagttttg cattaagcat atccttgaag acaagaatgc amccttcaag cagtgtagtt 240  
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 gttttgtata taatttttat acacacaatt cttttttttt tt 162

<210> 13728  
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<213> Homo sapiens

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<212> DNA  
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<400> 13747  
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<211> 326  
<212> DNA  
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<400> 13748  
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<211> 285  
<212> DNA  
<213> Homo sapiens

<400> 13749  
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ggtcatctgc	tccgagcact	tccggccaga	gtgcttcagc	gcctttggaa	accgcaagaa	240
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&lt;210&gt; 13750

&lt;211&gt; 339

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13750

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gaccgccang	agtggcagaa	tttagtgaca	tttggaagct	tttcamrcgt	ggttccctgt	300
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&lt;210&gt; 13751

&lt;211&gt; 140

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13751

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&lt;210&gt; 13752

&lt;211&gt; 255

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13752

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ctaggaagct	gtgggaagtc	ggaggagtgt	cttgtaacct	agccagttag	gggtgatgtc	180
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&lt;210&gt; 13753

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13753

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tgcatgggta	agtaacttat	ttctgcactg	ttttgttgaa	ctttgtggaa	acattctttc	180
gagtttgttt	ttgtcatttt	cgtaacagtc	gtcgaactag	gcctcaaaaa	catacgtaac	240
gaaaaggcct	agcgaggcaa	attctgattg	atttgaatct	atatttttct	ttaaaaagtc	300
aagggttcta	tattgtgagt	aaattaaatt	tacatttgag	ttgtttgttg	ctaagaggta	360
gtaaagttaa	gagagtactg	gttccttcag	tagtgagtat	ttctcatagt	gcagctttat	420
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 <212> DNA  
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 cactcaacc gatctccwac tacaagcccg agttctacac gccggttgat gggggcactg 180  
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<210> 13755  
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 ggcggcgctg ggctcgtcgca gccagtagcg ggctgaaacg tagaggccag aaccaggtct 180  
 cagggggcac taaaggcggg cggaggtaat cccacaccg ctctctcctg gaagtcaggc 240  
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 ggctcccca cagcttgga cggcaggggc tctgtgaaatg tttgtcaagt ggataaatga 420  
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 aaccagga actgagtcct gaaagcaagg aggaacttcc agaataagg gcagccgaca 660  
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 aagtcacctg aggagatgcg ccacagggcg acatccaagt tgtgagtaag aacctgtaca 240  
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 cccctc 306

<210> 13757  
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 <212> DNA  
 <213> Homo sapiens

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gtggtacaca	cctgtggtcc	cagctactag	ggaggctgag	ccaggaagaa	cgctccagcc	180
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aattgaagtt	gtatgatgta	agagatgaga	aaaacccaac	aggaaacaca	gacacatcct	360
ccagttctat	caatggattg	tgcagacact	gagtttttag	aaaaacatat	ccacggtaac	420
cggtccttgg	caattctgtt	tacatgaaat	ggggagaaaag	tcaccgaaat	gggtgccgcc	480
ggccccact	cccaattcat	tccctaacct	gcaaaccttt	ccaacttctc	acgtcagg	538

&lt;210&gt; 13758

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13758

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gcgcgaaggt	ggctgggtcg	taccgtccc	aaccctagga	gccgaggtga	gcgccgcgaa	120
gacccccgac	attaagaagt	ggtgtccacc	gcagccccct	taagccggat	accctcccc	180
accccgagga	gcaagcctgc	cttcgccac	gcgccgcccg	tcttcgcgc	ccgcgcagaa	240
cctcgcggct	gtgcccgcct	aaagccacgc	ccatcctctc	ttggccacc		289

&lt;210&gt; 13759

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13759

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aattacattg	aactacaagg	atcccctcac	tggagatgaa	gagaccttgg	cttcatatgg	180
gattgtttct	ggggacttga	tatgtttgat	tcttcaagat	gacattccag	cgctaatat	240
acctcatcc	acagattcag	agcattcttc	actcc			275

&lt;210&gt; 13760

&lt;211&gt; 228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13760

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ccaccggcc	tcgtgctttc	tccgggcgcc	cgtagctggc	gccggcatcc	acaaaaatag	120
atcagacaga	ggatgaataa	agagsmagct	ccaggctgtg	aagcgtctag	tccttgctcc	180
cctcagaagc	tgggacatgt	tggaccaagg	tggtaaggat	agtgagag		228

&lt;210&gt; 13761

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13761

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ctactgagac	ggggaggcgt	gacakggccc	gggtcccttc	tcagtgggtgc	tctgtgcttc	240
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<210> 13762  
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 <213> Homo sapiens

<400> 13762  
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 aatcgcagga gggaagcctg tgttatagct aggctgagtg gccgcttttc cgtggggaaa 180  
 ctgaggcagc ttccgacctc ttccacccc gttttgacct tagctctccc atctttcgag 240  
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<210> 13763  
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 <212> DNA  
 <213> Homo sapiens

<400> 13763  
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<210> 13764  
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 <213> Homo sapiens

<400> 13764  
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 ttccatatat tatataatag gtccttccac tttttggaga gtagcaaata tagctttttt 180  
 gtacagactt agaaattatc taaagatttc atctttttac ctcataattc ttaggaattt 240  
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<210> 13765  
 <211> 79  
 <212> DNA  
 <213> Homo sapiens

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<210> 13766  
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 <212> DNA

<213> Homo sapiens

<400> 13766

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<210> 13767

<211> 148

<212> DNA

<213> Homo sapiens

<400> 13767

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<210> 13768

<211> 155

<212> DNA

<213> Homo sapiens

<400> 13768

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<210> 13769

<211> 300

<212> DNA

<213> Homo sapiens

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ggcgcaggcg	gtgcaagcag	gcatgagccg	gggcgggcgg	ggcatgtcac	gggacagacg	180
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<210> 13770

<211> 325

<212> DNA

<213> Homo sapiens

<400> 13770

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325

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<211> 193

<212> DNA

<213> Homo sapiens

<400> 13771

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cgatgaattt	ttccagtcct	agggcttttag	gtagctttta	cagggtgatg	actctcaggt	180
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<210> 13772

<211> 352

<212> DNA

<213> Homo sapiens

<400> 13772

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gcactattat	aatttttcagt	gccatgttaa	attggattat	ttcatttact	ttaagttagg	180
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<210> 13773

<211> 173

<212> DNA

<213> Homo sapiens

<400> 13773

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gtgaccgaga	actcgccctc	caggggtctt	atctgcacct	gcttctgctc	cca	173

<210> 13774

<211> 194

<212> DNA

<213> Homo sapiens

<400> 13774

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ctttgaaaac	atttttagtg	gtacattgt	gtktaatttc	acagaagtac	aatatatttg	180
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<210> 13775

<211> 93

<212> DNA

<213> Homo sapiens

<400> 13775

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93

<210> 13776

<211> 178

<212> DNA

<213> Homo sapiens

<400> 13776

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<210> 13777

<211> 146

<212> DNA

<213> Homo sapiens

<400> 13777

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<210> 13778

<211> 361

<212> DNA

<213> Homo sapiens

<400> 13778

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cagactgggc	gccggccctg	cctccatttc	agctgtgaca	acctcagagc	cgtgttgggc	300
caagcatgac	aaggacgtat	gaaaacttcc	agtacttgga	gaataagggtg	aaagtccagg	360
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<210> 13779

<211> 167

<212> DNA

<213> Homo sapiens

<400> 13779

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acaactttgt	gaagatctaa	ttacaataat	aaataaaaata	atttata		167

<210> 13780

<211> 251

<212> DNA

<213> Homo sapiens

<400> 13780

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cattatccct	atcatatcta	cgagcaaaca	gagtggctaa	gtagctttct	caggtttctca	120

cagcctgatt cgctgtctcc acttcacttg acacgtctgt ncattctcct ttcaataatt 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 13781  
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 ggaggagggt gg 132

<210> 13782  
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 <212> DNA  
 <213> Homo sapiens

<400> 13782  
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<210> 13783  
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<400> 13783  
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 gaccaagaa aaagtccgag agggcaacgc catggggctg agctgctcaa tgccctccca 180  
 gtgcatcctg ctgcaaggat gccccccagg atgctgcctc acctaaccag ccgctccagg 240  
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 cctctaagtg cttgaaccac gcctgtsagc cagttatggc tttggctctg agagccccc 360  
 tgaccaactt aaccaatgct ttttttctgt aagaaattgc cacttactgt tggtttctgt 420  
 ccgaccgggt gagatacttg 440

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 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 13784  
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 gaataaattt tagattatag aacatggatt caaaagtgc tggaacaaat tggctgacac 180  
 cttactggta acctgctatt cttctgggtg tacccttcag gattgttcca ctaaaattta 240  
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<210> 13785  
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 <212> DNA



<213> Homo sapiens

<400> 13785

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<210> 13786

<211> 202

<212> DNA

<213> Homo sapiens

<400> 13786

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tttcaacctg	gtttgaataa	taccaactta	gtttcaattc	tgtcttctat	acactactct	180
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<210> 13787

<211> 437

<212> DNA

<213> Homo sapiens

<400> 13787

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tgatcatgtc	gacaacgagg	acaattttga	tggcgacgac	tttgatgatg	tggaggagga	180
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cccctctggg	gagcgaccgc	agccaaccag	aagcgaatca	ccacaccata	catgaccaag	300
tacgagcgag	cccgcgtgct	gggcacccga	gcgctccaga	ttgcgatgtg	tgcccctgtg	360
atggtggagc	tggaggggga	gacagatcct	ctgctcattg	ccatgaagga	actcaaggcc	420
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<210> 13788

<211> 499

<212> DNA

<213> Homo sapiens

<400> 13788

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gtgtcatgtc	agacaacgaa	ggacaatttt	gatggcgacg	actttgatga	tgtggaggag	180
gatgaagggc	tagatgactt	ggagaatgcc	gaagaggtca	gtattcagcc	tcaggctccc	240
acctctgcag	cccaagctgc	caaatcgtct	gacaggaagg	ccaggagaat	gtcgagatcc	300
tcccctctgg	ggagcgaccg	cagccaacca	gaagcgaaat	caccacacca	tacatgacca	360
agtacgagcg	agcccgcgtg	ctgggcaccc	gagcgctcca	gattgcgatg	tgtgcccctg	420
tgatggtgga	gctggagggg	gagacagatc	ctctgctcat	tgccatgaag	gaactcaagg	480
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<210> 13789

<211> 333

<212> DNA

<213> Homo sapiens

<400> 13789

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aatgcaagct	tctggtacca	tgatcctcaa	cttagagagg	aagaaaccaa	gacagagagc	180
ttactcact	tctctcagg	aaaattagga	gttgagcaca	ggacaggaaa	tgggctttgc	240
cacttntagc	tccaggcttt	tctaaccaga	cttgatttcc	tcattgttcta	gaaagatcac	300
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<210> 13790

<211> 101

<212> DNA

<213> Homo sapiens

<400> 13790

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<210> 13791

<211> 464

<212> DNA

<213> Homo sapiens

<400> 13791

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agtctccaga	gaatacacag	ggcaaagatg	gatccaaagt	aactaaacag	gagcccacaa	180
gacggctctgc	cagattgtca	gcgaaacctg	ctccaccaa	acctgaacct	aaaccaagaa	240
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aggaaaagcw	ggaagctgga	aaggaaggta	ctgcaccatc	tgaaaatggt	gaaactaaag	360
ctgaagaggt	actttccata	aataacctcc	actgattgaa	tcagtgtctt	taaagaaatt	420
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<210> 13792

<211> 452

<212> DNA

<213> Homo sapiens

<400> 13792

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agtctccaga	gaatacacag	ggcaaagatg	gatccaaagt	aactaaacag	gagcccacaa	180
gacggctctgc	cagattgtca	gcgaaacctg	ctccaccaa	acctgaacct	aaaccaagaa	240
aaacatctgc	taagaaagaa	cctggagcaa	agattagcag	aggtgctaaa	gggaagaagg	300
aggaaaagca	ggaagctgga	aaggaaggca	cagaaaactg	aattctgtaga	taacgagggg	360
gaatgaatr	tcataaaaa	ttgggggtga	ttttatgtat	ctcttgggac	acttttataa	420
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<210> 13793

<211> 395

<212> DNA

<213> Homo sapiens

<400> 13793

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agtctccaga	gaatacacagag	ggcaaagatg	gatccaaagt	aactaaacag	gagcccacaa	180
gacgggtctgc	cagattgtca	gcgaaacctg	ctccaccaaa	acctgaaccc	aaaccaagaa	240
aaacatctgc	taagaaagaa	cctggagcaa	agattagcag	aggtgctaaa	gggaagaagg	300
aggaaaagca	ggaagctgga	aaggaaggta	ctgcaccatc	tgaaaatggt	gaactaaagc	360
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<210> 13794  
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 <212> DNA  
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<400> 13794						
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cctgcagcca	ggctctctga	cccggcctgc	ccgcccctct	cgccggtgcc	cgccccatgc	180
cc						182

<210> 13795  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 13795						
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ccgccccctt	ctttcctcca	gacgccgaag	tcgcgggcgc	tcattggcggg	cctggaggta	180
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attgggaagt	ggtgacacac	ggttacttctg	gcttgggtgt	cggtgaccag	ccgggtccca	300
atgataagaa	gtcagaactg	ctgccagctg	ggtggaacaa	caataaagac	tgtatgtcck	360
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<210> 13796  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

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tggaatgcag	ttccccctkw	cagcgtasca	gttgttgctt	gtctgaacct	ctgccagtcc	180
tgagactgg	tgccctgagc	tccaaccagc	gggcctcatc	ctacaccctc	accaccgcaa	240
cttctcacc	gagcaagaag	cagcttccca	gagagaaaga	mcgttccac	ctgcctagcc	300
atgggaagga	cgctgcacag	gccgaaaagt	tccagcaccn	tgggtctgac	atgcggcagg	360
aaaagccctc	gagccccagc	ccgatgcctt	cctccacacc	aagccccagc	ctgaa	415

<210> 13797  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 13797						
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taggcaaccc	agagcttctc	cacaggcttc	atcttgggtt	tgcagcttca	caggtagcaa	120
agtgatacct	tagcctctgg	catcagggaa	tgagcttggt	accagtcccc	tgctctatgc	180

gggacattta	tttattttta	ttttttatta	ttattatact	ttaagtttta	gggtacatgt	240
gcacaacgtg	caggtttgtt	acatatgtat	acatgtgcc	tggtgggtgtg	ctgcacccat	300
taactcgtca	tttagcatta	ggtatatctc	ctaattgctat	snctccccctc	ttccccccacc	360
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<210> 13798

<211> 178

<212> DNA

<213> Homo sapiens

<400> 13798

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gtgacttcta	ggcgctcctcc	cggagctacc	ggggacactg	gcgttattgc	ccggaacact	120
gagataggga	atgctcgaga	macagsngca	ggttttgggg	ttttttttga	attactgg	178

<210> 13799

<211> 365

<212> DNA

<213> Homo sapiens

<400> 13799

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agacaggatt	ttgtttgttt	ttcacaaaaa	yggtcatttg	agctgtaagg	caaaaagtga	180
gcctcctagg	ctgaatgggtg	caaagactgg	agttttttcc	acaaggagcc	ctcatcgtcc	240
caatgcaata	ggactgaccc	tggccaagct	ggaaaaggta	gaagggtggag	ctatatacct	300
ttcgngaat	tgacatgata	catggcacac	ccgtactaga	catcaagcct	acatagctga	360
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<210> 13800

<211> 392

<212> DNA

<213> Homo sapiens

<400> 13800

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ggcatgtttg	tgttaaccagt	ggcccagggg	atgttacggt	ggacagtga	cctggagggc	180
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tgcagtgtcc	ttgcgttgga	caaagctgcc	cccggtgaa	tctgccatcc	gtgggcaagg	360
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<210> 13801

<211> 229

<212> DNA

<213> Homo sapiens

<400> 13801

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ccaggctgga	gtgcagtggc	gcaatctcgg	ctcactgcaa	gctccacctc	ccagggttcac	180
gccattcttc	tgcctcagcc	tcccagtag	ctgggactac	aggcaccaca		229

<210> 13802  
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 <212> DNA  
 <213> Homo sapiens

<400> 13802  
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 gcagcg 126

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 <212> DNA  
 <213> Homo sapiens

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 catgatttga gcacttccta tgtgccaggc actatgcaaa gggttttttt gtttttgttt 180  
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 ggactaacag gcgc 314

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<400> 13804  
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 caaaaggaaa aaattagaat aagtactggc gaaccatctc tgttgtcttg tttaaaaagg 180  
 gcaaaagttt tagactgtac taaattttat aacttactgt taaaagcaaa aatggc 236

<210> 13805  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 13805  
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 <213> Homo sapiens

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 cgagaaggac ccggacggtt gctatcggct ggtggactat ttggaaggga tccggacaat 180  
 tttgatgagg 190

<210> 13807  
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 <212> DNA  
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<400> 13807  
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 ctgancagcc taggcaatcc agcatcgcgt ggtaccagtg ccgctgggca cactggcnns 360  
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<210> 13809  
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 <212> DNA  
 <213> Homo sapiens

<400> 13809  
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 aagaatttga agtaacttgt aaggaaaaat aatataaaga taccattggg gcagtggctc 180  
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 ggctgtgggtg ttgctcacc atagttccag ctrntcggga agctgaggca gtaagatcac 360  
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<210> 13810  
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 <212> DNA  
 <213> Homo sapiens

<400> 13810  
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 ttcccc 126

<210> 13811  
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 <212> DNA  
 <213> Homo sapiens

<400> 13811  
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 aaatctgatg aaagctgaat ctttcacccc aaaaaaagaa atgcacactt gtgcattgca 180  
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<210> 13812  
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 <212> DNA  
 <213> Homo sapiens

<400> 13812  
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 actctaaaat ggacttcatt taaagaaacc cacggaccat taatggacaa aaacatgagt 180  
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<210> 13813  
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 <212> DNA  
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 ccatgcattt ggaagatttt cccatggatg tgcatgcctg cccactgaag tttggaagct 180  
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<210> 13814  
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 <212> DNA  
 <213> Homo sapiens

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<210> 13815

<211> 138  
<212> DNA  
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gctttcagtg taacacac 138

<210> 13816  
<211> 380  
<212> DNA  
<213> Homo sapiens

<400> 13816  
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ggccagctgg ttgtggacca gccgtgacct ggggcaacc agccaacctc accgtccaat 180  
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<210> 13817  
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<212> DNA  
<213> Homo sapiens

<400> 13817  
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agrcctggaat catgagcaac aatggagc 328

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&lt;210&gt; 13825

&lt;211&gt; 331

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13825

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&lt;210&gt; 13826

&lt;211&gt; 507

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13826

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&lt;210&gt; 13827

&lt;211&gt; 303

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13827

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ntc						303

&lt;210&gt; 13828

&lt;211&gt; 445

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13828

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&lt;210&gt; 13829

&lt;211&gt; 82

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13829

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&lt;210&gt; 13830

&lt;211&gt; 218

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13830

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&lt;210&gt; 13831

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13831

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&lt;210&gt; 13832

&lt;211&gt; 227

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13832

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<212> DNA  
<213> Homo sapiens

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<210> 13856  
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 <213> Homo sapiens



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 acgctaggrs tctccgcgc cctgaggctt cgcactgggg agtggggccg ccaggatgga 180  
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 ggagganaga ggtggtgtct ttgaggtttt tgcatttctg acaatcaacc gatggctcca 180  
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 aaactatcct tanaaaaccc ta 262

<210> 13859  
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<210> 13861

<211> 352  
 <212> DNA  
 <213> Homo sapiens

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<210> 13862  
 <211> 171  
 <212> DNA  
 <213> Homo sapiens

<400> 13862  
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<210> 13864  
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 <212> DNA  
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 gagatactct gagttactcg gagcccgacg cctgaggggtg agatgaacgc gctggcctcc 180  
 ctaaccgtcc ggactgtga tcgcttctgg cagaccgaac cggcgtcctt gccccggggg 240  
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<210> 13865  
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ccattatttc	tcacccctta	cattgaagct	gggaagatcc	aaaaaggtaa	gtaagtttaa	300
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<210> 13868  
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 <212> DNA  
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gagaagatcc	ccgaactacg	gcgacgaggc	ctgcctgtgg	ctcgcgttgc	tgatgccatc	180
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<210> 13870  
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 <212> DNA  
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<400> 13870

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agrcgagaa	cctagcaccg	ccccgaagt	gcggagaccc	cctgggcagg	ctsaaagatg	240
gcggcggcgt	ctgtctctgc	ggcttctggt	tctcacttgt	cgaacagctt	tgetgmscca	300
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<210> 13871

<211> 446

<212> DNA

<213> Homo sapiens

<400> 13871

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cgctgtcgca	gagtcactctg	tttggtggga	gctggaatct	ccacatccgc	agcatccccg	360
actttcgctc	tcrtccacc	ggcctctatg	acaacctaga	gaagtaccat	cttccctacc	420
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<210> 13872

<211> 193

<212> DNA

<213> Homo sapiens

<400> 13872

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ctaggtcagg	gtctcgctcg	gtgctgaccg	ccccgggggt	cgagtaggcg	atggggagcc	180
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<210> 13873

<211> 289

<212> DNA

<213> Homo sapiens

<400> 13873

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ctaggtcagg	gtctcgctcg	gtgctgaccg	ccccgggggt	cgagtaggcg	atgggggagc	180
ccggttctt	ccacaggaga	ccgcgccggg	ggccggagct	ggtgcctgcg	gcgggtgggg	240
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<210> 13874

<211> 236

<212> DNA

<213> Homo sapiens

<400> 13874

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cctgagtttg	agccctatga	gcagtggaac	ctaggttctt	cagctttgga	acttgactgg	180

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<210> 13875  
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 <213> Homo sapiens

<400> 13875  
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<210> 13876  
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 <212> DNA  
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<400> 13876  
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<210> 13877  
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 tatacaggag taacattttc ttagcccat cttcgtatgg tgccgtacac ctgaaatgaa 180  
 actagatatg tctttaattt gaagtcaacg attatgttac aarataagaa aatcgagtcg 240  
 cttaaaaaatc aaatgcccaag gtcacacagc aggt 274

<210> 13878  
 <211> 342  
 <212> DNA  
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<400> 13878  
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 ctccagaaaa ggatcaaaagc catcaagcta caaatgatct taaaaatgga acctcaaatg 240  
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175

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<212> DNA  
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<210> 13881  
<211> 362  
<212> DNA  
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<212> DNA  
<213> Homo sapiens

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cgccctcctc tcaccacttt acataaacga atgtacccaa gatcccccat cagttttcca 180  
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<210> 13884  
<211> 446  
<212> DNA  
<213> Homo sapiens

<400> 13884

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<212> DNA

<213> Homo sapiens

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<210> 13886

<211> 413

<212> DNA

<213> Homo sapiens

<400> 13886

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<210> 13887

<211> 347

<212> DNA

<213> Homo sapiens

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<211> 421

<212> DNA

<213> Homo sapiens

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n						421

&lt;210&gt; 13889

&lt;211&gt; 130

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13889

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&lt;210&gt; 13890

&lt;211&gt; 136

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13890

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&lt;210&gt; 13891

&lt;211&gt; 477

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13891

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&lt;210&gt; 13892

&lt;211&gt; 446

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13892

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 gagcgcgaga tggtagggcc acagcaggag atgatggacg cgcagtggag ctccagctgc 240  
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 <213> Homo sapiens

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&lt;212&gt; DNA

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&lt;210&gt; 13931

&lt;211&gt; 246

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13931

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tctcgaggcg	gtggtgggaa	gggagacata	cttaatactg	ccctcttaat	ccaacggacc	180
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ggaagg						246

&lt;210&gt; 13932

&lt;211&gt; 194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13932

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atggtggctc	cgcgggcggg	ggagggcagt	gagggaggag	gagtcagacc	ttagccagcc	180
ggaaacaccg	aaac					194

&lt;210&gt; 13933

&lt;211&gt; 88

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13933

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<212> DNA  
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<212> DNA  
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tgctcgcgct gtgcggtkca ggcaccaccg ccgcgggastc agttacagct tgcgtggcaa 180  
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gcacagcgcc ttgttccagc agggcctgat ccaggattct tactacagat ttaatgacct 300  
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<210> 13937  
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ggacagcctg acttggatcc cactatgcag gaaggaaggc gactcttccc cgcacctctt 240  
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<210> 13938  
<211> 211  
<212> DNA

<213> Homo sapiens

<400> 13938

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cgacggcacc	ttcgaggtga	agggcacggc	cggggacacc	cacctgggtg	gggaggactt	180
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<210> 13939

<211> 116

<212> DNA

<213> Homo sapiens

<400> 13939

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<210> 13940

<211> 191

<212> DNA

<213> Homo sapiens

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gcgaagtgga	ctacaaaaaa	aaataccgga	atctgaagcg	gaagctcaag	ttcctcatct	180
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<210> 13941

<211> 342

<212> DNA

<213> Homo sapiens

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tcgttactgt	tttttctagc	tcattgtact	ggctaggatc	tcttctataa	cgggtgaataa	180
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<210> 13942

<211> 84

<212> DNA

<213> Homo sapiens

<400> 13942

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<211> 166

<212> DNA

<213> Homo sapiens

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<210> 13944  
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 <213> Homo sapiens

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 cacggctaca tcttttcgtc gcttgccggc tgtctgatga agagcagcga gaatggcgcg 180  
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<210> 13945  
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 <212> DNA  
 <213> Homo sapiens

<400> 13945  
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<210> 13946  
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 aagaagagcg gcggccgagc ccgccttccc tgcaccatgc tcatagagga tgtggatgcc 180  
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<210> 13947  
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 <213> Homo sapiens

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 gatgggcatt ccgaactgtt aatggggaca tgggactcca gttgtctctg atcacttgtg 180  
 tggattttmm tggcgtagaa cgmcaagaag cgctagtaag tcgccaagac ctacagcarg 240  
 aattctgcac caaagggcag aaaatcttgt tatttttaatt tgcactctgg 289

<210> 13948

<211> 96  
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<210> 13950  
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<210> 13951  
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 aatcttttca gatgttgtct gataaatgga agcagtgcac tcatgagcag agctgcaaaa 180  
 taaatgttga gtacaccttt gaaacaaggt tgccctaccgt gaattatagc aaacaaacgg 240  
 aagtattctc aagggtgtgtg gaatcaataa aaaccaaagt gtcaagatgc aaagagcagt 300  
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<210> 13952  
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<210> 13953  
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 cgtggcctca gcgtgctgct tgcacggata cctcagcggg cgccacgggt gctcccagg 180  
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 <212> DNA  
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<210> 13960  
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<210> 13961  
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<210> 13962  
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 <213> Homo sapiens

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 <213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 13968  
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<212> DNA  
<213> Homo sapiens

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703

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 13972  
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<212> DNA

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<212> DNA

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<210> 13982

<211> 471

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 150

<212> DNA

<213> Homo sapiens

<400> 13985

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 13987

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&lt;210&gt; 13988

&lt;211&gt; 153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13988

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&lt;210&gt; 13989

&lt;211&gt; 440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13989

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&lt;210&gt; 13990

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13990

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&lt;210&gt; 13991

&lt;211&gt; 168

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 13991

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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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gagtgcccat tttctctcct tcccacgttc ctggccccc gamgscatt tgcaggcggg 180  
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ccccgagaac caatcagcag ccgcgttagg taaccatgtc tgagtctgga cacagtcagc 300  
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<210> 14007  
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<212> DNA  
<213> Homo sapiens

<400> 14007  
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acaccctttc tcgcacacac acacacacac acacacacac tctcacacat tctcacatgc 240  
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<210> 14008  
<211> 154  
<212> DNA  
<213> Homo sapiens

<400> 14008  
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accagaaccc aggcgtcttt tttttttttt tttt 154

<210> 14009  
<211> 361  
<212> DNA  
<213> Homo sapiens

<400> 14009

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ctcgtttgct	tctggttagga	gtcgcaatcc	cagcagcaat	agcccagaag	aggacacggt	180
tcccgtaccg	aaggttcagt	accagcagcc	cgaccatcac	gcggcgggat	gtctgtggtt	240
ggcattgacc	tgggctttgt	caactgctac	attgctgtcg	cgagaagtgg	cggcacgag	300
accatcgcca	atsagtacag	cgacagggtg	accccgtaag	trcctctgct	gagcatcacc	360
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<210> 14010

<211> 398

<212> DNA

<213> Homo sapiens

<400> 14010

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gtgaccacca	tcacaagaga	cagaacagtt	ctgtcacatg	gatcccttgc	actgcssttt	180
tacagccgca	gccacatccc	tttctttatac	cctcacccca	acctgtggct	accactgttc	240
tgctctccat	ctctgttaatt	ttgtcatttc	aagaatgttg	tatgaatgga	atcatacaga	300
atgtaatctt	acaaggctga	tctttttttca	ttcagcataa	ttcccttgar	atccatccaa	360
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<210> 14011

<211> 369

<212> DNA

<213> Homo sapiens

<400> 14011

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agcttgagat	taaaaagaaa	aaactaaaac	taaaaaataa	aaataaattt	aaaaaaaaag	180
ctccttcccta	gcctaagaac	tcagagcaca	gataccagat	ttctcttctg	cccatggctc	240
caacagaagg	aggcaactgg	tggtactgac	attttttaga	aagggaaaat	gagatcctga	300
gagagagcag	ggwcagagtc	tcgccttagt	ctcctaggct	ggagtgcagt	ggcgcaatct	360
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<210> 14012

<211> 170

<212> DNA

<213> Homo sapiens

<400> 14012

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<210> 14013

<211> 442

<212> DNA

<213> Homo sapiens

<400> 14013

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gataccctgg	tagtccacgc	cctaaacgat	gatcattagc	tgatggggaa	ctcatcggcg	360
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 <212> DNA  
 <213> Homo sapiens

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tgaatatgga	agatacagca
aaaaagtga	accccatccc
gtgggaagatg	gcggtcctca
ggtcccccg	gcccggcacg
aatgagggga	tcgcggatsn
agtggtntct	gccrgctgtt
tctgtgatgg	taccagaata
atgagttata	tgagttacaa
cctccttctg	gtttacctcc
ctggaggcga	60
ggtngccatc	120
agctgcacgt	180
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<210> 14015  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 14015	
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accaaatttcc	tgcccgggat
ggctggtccc	tgcgagcccc
tgactgtgg	
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cagagatgtc	ctcttttcggt
tcaccttgct	60
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<210> 14016  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 14016	
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tgctggtctg	ggtggaggcg
ggaagctcag	ggcaaagcgc
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gtcgaggagc	ttgggtgcaa
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aatggctccg	240
	242

<210> 14017  
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 <212> DNA  
 <213> Homo sapiens

<400> 14017	
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ataactcagg	catagttcaa
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cagcagcagc	agcagcagca
cactatgggt	cctcctctga
ggggttacct	ggctaacagc
ggctcctggg	120
agctcttcaa	aaaccagaaa
	180

taccaggaac tgaagcagga atgcatcaaa gacagcagac ttttctgtga tccaacattt 240  
ctgcctgaga atgattctct tttctacaa 269

<210> 14018  
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<212> DNA  
<213> Homo sapiens

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aggtaactgt cttatggctt tacgtttatg tgttttcctc tgaaattagg caaatttcct 120  
aatcttgctg aagttatctt catccttaag aagtaatatt ataggtcttt atagagtg 178

<210> 14019  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 14019  
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ggaccctttg gggctcagtg gagaattaag gcagagtcac tgtaattatt tctaatacca 180  
attccaaaat agtgactctt ggacaatagt gcaattatat ggaattatkn ctgggtataa 240  
gcctgtagct attcagacat atcctatact tggtgaaank atcacccaag atacactgta 300  
ctggaacaac tataagac 318

<210> 14020  
<211> 174  
<212> DNA  
<213> Homo sapiens

<400> 14020  
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gaatgggggt gaccgacgtt ccctgcagcg ttcagcaagg ctggctctag aagtgtgga 120  
gaggccaag aggagggcgg tggactggca tgccctggag cgtcccaaag gctg 174

<210> 14021  
<211> 245  
<212> DNA  
<213> Homo sapiens

<400> 14021  
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ctgaggagca gcttcagtc cgcgcgagcc gccaccgagc tcgaggacgg tcggactccc 180  
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aatcc 245

<210> 14022  
<211> 123  
<212> DNA  
<213> Homo sapiens

<400> 14022

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<210> 14023  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 14023  
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 aaactcattg ccaaggctac atagatttta tcctgtgttt ttcctagaag ttttatagtt 120  
 ttgcatttta catttaggta tgtgatccat ttagagttta tttttatgaa aggtataagg 180  
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<210> 14024  
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 <212> DNA  
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<400> 14024  
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 attatcagtt atattttgct gtttatgata tattttaga ttaggattaa aatggattta 180  
 atccattttt aaggctgtgt gaatttttct aaacaagaac catttgcaat atggatttct 240  
 tagagattaa accaattata acttattagc agtcgcga 278

<210> 14025  
 <211> 281  
 <212> DNA  
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<400> 14025  
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 aatgtggagc atctgcagac acgactaaa gctgtgagtg acagtgcctt tcaggaactt 240  
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<210> 14026  
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 <212> DNA  
 <213> Homo sapiens

<400> 14026  
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 agaattattt aaaacttatg ttgcca 146

<210> 14027  
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 <212> DNA  
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<400> 14027  
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 ctctcttaaa gacactcact gtacaactga tagcagctgt catatttctg gcaaaatgtg 300  
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<210> 14028  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 14028  
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 ggggcgggaa gttccctgaa ggasggagac agggagggac agggcagagg aggagaggaa 240  
 ggcgatgcga cggacagg 258

<210> 14029  
 <211> 141  
 <212> DNA  
 <213> Homo sapiens

<400> 14029  
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 gagcaccaac cctagtcacc c 141

<210> 14030  
 <211> 159  
 <212> DNA  
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 agtactgcat ttcattgatt ataaaaaacac tctcccccg 159

<210> 14031  
 <211> 493  
 <212> DNA  
 <213> Homo sapiens

<400> 14031  
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 agcctccctc atctctggcg gctgggtatt atggctgggg aaggggctca ttcgattcgt 180  
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 gcggtgagga gcgggcctgc tctccggggg agttctgccg cattctccca atctctttcc 360  
 tgagaagtgg cggagttggg ggcacttcga ggctgccttg gggcgaggtg gtncgtgagg 420  
 ggggtcccaga tatgccagca gcggggggan gtcacctttg agaaagtgcg tngargtggg 480

tttcttcaga agc

493

<210> 14032  
<211> 359  
<212> DNA  
<213> Homo sapiens

<400> 14032  
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tgcttgaata caggtatcta ccagtgatat ggggtggata attaataatg cttggctact 300  
tctataaaga cagtgttgct tatttttcaa aactttttct ttttttcttt tttttttt 359

<210> 14033  
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<212> DNA  
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<210> 14034  
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<212> DNA  
<213> Homo sapiens

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atgaactttt acagttkset ctgtgttaag tttatttccc ttaaccaaga caatttggaa 180  
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<212> DNA  
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<210> 14036  
<211> 161  
<212> DNA  
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<400> 14036  
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ttcttatata tttgggacat gagccagagt ttaaaaggaa a 161

<210> 14037  
<211> 393  
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<400> 14037  
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ctaaagcctt gcattgatga ataccaacag act 393

<210> 14038  
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<212> DNA  
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<400> 14038  
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cctaattctt aaaaatgggg ataagggccg ggcgcggtgg ctcacacctg taatcccagc 180  
actttgggag gccgagg 197

<210> 14039  
<211> 209  
<212> DNA  
<213> Homo sapiens

<400> 14039  
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gatataagta ctgtgatgca gaktcctgga cacagagaag tcagcaactt gcctgaggac 180  
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<210> 14040  
<211> 96  
<212> DNA  
<213> Homo sapiens

<400> 14040  
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004220" 6627550

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96

<210> 14041  
<211> 92  
<212> DNA  
<213> Homo sapiens

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<210> 14042  
<211> 243  
<212> DNA  
<213> Homo sapiens

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gacctcatgg aagccatggc catgggcagc gtggaggctt cttataagtg tttagcagca 180  
gctttgatag ttctgacgga gtctggcagg tctgctcacc aggtggccag ataccgcca 240  
cgt 243

<210> 14043  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 14043  
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ctgkacctt gaggaatcgc cacactgtct tccacaatgg ttgaactagt ttaaagtccc 180  
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<210> 14044  
<211> 182  
<212> DNA  
<213> Homo sapiens

<400> 14044  
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gc 182

<210> 14045  
<211> 246  
<212> DNA  
<213> Homo sapiens

<400> 14045  
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agattgaaac	agaaatcaag	aacaagatgc	aacagaaatc	acagaagaaa	gcagaacttc	420
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 <211> 314  
 <212> DNA  
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<400> 14047						
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aatattcccc	ggaagaggaa	tcagaaccac	ctgctccaaa	tataaggaks	tggcacccaa	240
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aaccctgawa	cttg					314

<210> 14048  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

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tctcaagtgt	acacagcact	ttgctagata	ctgtggatga	tttttcaggg	aagatgccat	240
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 <212> DNA  
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<210> 14050

<211> 362

<212> DNA

<213> Homo sapiens

<400> 14050

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<211> 375

<212> DNA

<213> Homo sapiens

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<210> 14052

<211> 328

<212> DNA

<213> Homo sapiens

<400> 14052

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agctccagca	ggaaatggag	ctgctcaacg	cctaccagag	caaaatcaag	akgcaaacag	180
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<210> 14053

<211> 287

<212> DNA

<213> Homo sapiens

<400> 14053

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cggccggagg	tcctcaggaa	gaagccgcgg	ggactggctg	cgcttgacag	gctgcacttg	180
gatgggagca	cctggtgcct	cgggactgct	ccgatgcccc	ggtctgtgct	gaatgtgtaa	240
tatgcggaac	tatattgaaa	cattacaacc	atcttttgat	ggcaaca		287

<210> 14054  
<211> 266  
<212> DNA  
<213> Homo sapiens

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gcgccagga gtatgacctg atcattgcga ccaccgctag gggaaggag gagaggggtgt 180  
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ctgggagacg tagtccagcg aggggg 266

<210> 14055  
<211> 188  
<212> DNA  
<213> Homo sapiens

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cctcagaagc actgctgcat catgctaacg agctgacag atttgaagag ttcatttccg 180  
acttgccc 188

<210> 14056  
<211> 303  
<212> DNA  
<213> Homo sapiens

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atacatccgt tcatgtgctg tccacatgaa tgtgttgact gtgctctcca tggtcaggta 180  
tttgtaagca gtgttgactt ttatccctc ttcagtaatc ttttaagtccc caaaacatta 240  
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tgg 303

<210> 14057  
<211> 159  
<212> DNA  
<213> Homo sapiens

<400> 14057  
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caggccccac gggagctcgc ggtgggcatc gacctgaag 159

<210> 14058  
<211> 275  
<212> DNA  
<213> Homo sapiens

<400> 14058  
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ctgctcccg	aggagctccc	ggcacggcga	tgggttctcg	ggcctccacg	ttactgcggg	180
acgaagagct	cgaggagatc	aagaaggaga	ccggctgtga	gttcgggttg	ggggtgggaa	240
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 <212> DNA  
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gaggctatgt	gaaggctggg	ctctggactc	cagaggcagt	gatagaacac	ccagacgcag	180
tgggaagatg	taaatgctgc	tgctgtgac	ctcgccaggg	aagtggctgg	caaaggt	237

<210> 14060  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<400> 14060						
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aaaggac						607

<210> 14061  
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 <212> DNA  
 <213> Homo sapiens

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gggatcgctt	acacctgaga	cgaactacag	aacagcacgt	accagaggtg	gaagtccaag	180
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aaaaccaggc	tccatctact	ctttgaagct	tctgcccgagc	ttgcattggt	tctaggagaa	420
ccngcgtcat	acctttatct	atagccttcc	cctaggtctt	cagaagcatc	aag	473

<210> 14062  
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 <212> DNA  
 <213> Homo sapiens

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gggatcgctt acacctgaga cgaactacag aacagcacgt accagagggtg gaagtccaag    180
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&lt;210&gt; 14063

&lt;211&gt; 367

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 14063

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gttggttcag tatctgactt cagcgatttg tcttcttgct tcaataagtg taagaagtgg    60
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cttaatgacc gcatctacta atagccaata aaatgaattg gcctctctac tgggctgctt    180
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aggagacagg aaccattggg agccattttg aacactctct actacaggat caaaagcaaa    300
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tttgag                                         367

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&lt;210&gt; 14064

&lt;211&gt; 179

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 14064

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ccactggatg tgacaaggta gcttcactac agctctacta tttaatcctg gaaactaaa    179

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&lt;210&gt; 14065

&lt;211&gt; 469

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 14065

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agttcgmga gaggaagaa tatggccgcc gggtnnggtg agggcgacgc gcttgcatgc    60
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gaagcyngaa ggrccaggta ttcaaataaa gttaattgca gctttctgtg aaaatgtcag    180
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gaaataggta gttctaacc cttagtaatac tgcactgtac ttatgataga atgtcttata    420
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&lt;210&gt; 14066

&lt;211&gt; 62

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 14066

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tgacaggatg agaactctgag gcttagagag gtcaccagct ggtggccaag gaagatcttt    60
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<213> Homo sapiens

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<210> 14068  
<211> 101  
<212> DNA  
<213> Homo sapiens

<400> 14068  
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<212> DNA  
<213> Homo sapiens

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<210> 14071  
<211> 412  
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<213> Homo sapiens



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 gctggaagga gaaagaagag ggtgaggagg cgacagaggg agaggaggaa gaagaggtag 360  
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<210> 14072

<211> 275

<212> DNA

<213> Homo sapiens

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<210> 14073

<211> 360

<212> DNA

<213> Homo sapiens

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<210> 14074

<211> 172

<212> DNA

<213> Homo sapiens

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<210> 14075

<211> 154

<212> DNA

<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 14077  
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<213> Homo sapiens

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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agaaggacag agacgtggag agagacgcag agagacagag acgtggagag acacagagag 180  
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<211> 230  
<212> DNA

<213> Homo sapiens

<400> 14080

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aggagaatcg	cttgaacctg	ggaggcagag	gttgccgtga	gctgagatcg	cgccattgca	180
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<210> 14081

<211> 407

<212> DNA

<213> Homo sapiens

<400> 14081

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tgagtataat	acttttcctgg	actgagtcct	gattccaaca	catnccttgc	ggtggagacg	180
tcatagtaca	gaagacgctg	tggggccttc	ccctcctggt	gtaggtacca	gtggatgtag	240
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actgacttcg	ttctcccttc	caagttggaa	gatttctgac	tggctgcaat	gggaacaaca	360
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<210> 14082

<211> 261

<212> DNA

<213> Homo sapiens

<400> 14082

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gcaagtttga	atacgaatct	gctgtgttcc	tatctgccaa	gttcctatat	gtttctgggg	180
taaactactga	gacacgccaa	gaaacaaaca	cacacatgca	caacttcct	gaccacaaga	240
ctacacacca	cacacacaca	c				261

<210> 14083

<211> 298

<212> DNA

<213> Homo sapiens

<400> 14083

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agacaagggc	agaagatgca	aatacaaaac	ctctctggta	gaatgtaggc	tataatatga	180
gtacattttt	gaaaagggct	agaatgatca	agaagagatt	agaaaaaac	agagccccta	240
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<210> 14084

<211> 187

<212> DNA

<213> Homo sapiens

<400> 14084

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ggggcgggag	tcagctgagc	tgccggggcg	aggttgggat	cacctggcac	cggctgaagg	120

gagcctgtga tttttttgta gcgggggscgg ggagtaaggt gcaagactgc gccagattca 180  
aggacga 187

<210> 14085  
<211> 278  
<212> DNA  
<213> Homo sapiens

<400> 14085  
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tctgagttgc agcatTTaaa tgatccact cagagattca cacagaagac tggacacaat 180  
tccgaagagc tgcccagaag gagagaacaa tgtcatcact acccgtagca tacacactgc 240  
ctgtttcctt gcctggttggc tcgtgcgtga taatcaca 278

<210> 14086  
<211> 199  
<212> DNA  
<213> Homo sapiens

<400> 14086  
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gagagcccag atgaggctgc ggaggcagaa gaagggtgtg gtccccttcc tgggggattt 180  
tctgactgag ttacagagg 199

<210> 14087  
<211> 211  
<212> DNA  
<213> Homo sapiens

<400> 14087  
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gggccctccc ctgcatccca gccggggcct ctccgagccg gcgctgatcg atgccgacac 120  
accccgggga ccctatcgcg actccatcgc gccatatcgc gacaccatcg tgccctgtcg 180  
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<210> 14088  
<211> 424  
<212> DNA  
<213> Homo sapiens

<400> 14088  
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aatggaagta atgccagacc tgagattttt aaggcatttt tacagcttgt attgaaatga 180  
ttggagacat ggtttcttta ttagctattt tgagacctgt ggagttaagc aagactttta 240  
aaaattggca cccggagggt ggcttattgg gagatacttg aatgtcttca tgtctcgccc 300  
gccaatcact cgggcagtga ccgtcttccc aaccttcagc ttggtagtag gagaggtgcc 360  
ctctggaaca tcatctagaa tgtgcatggt gtattttgga aacaatgact agctggctgg 420  
aaca 424

<210> 14089  
<211> 414

<212> DNA  
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 tgatggacaa acgtgcgggc actaagaccg caaggcattc atttcctcct acggtggatg 180  
 cggacgccgg gaggaggaga gcccagaga gaggagctgg gagcggaggc gcaggcaatg 240  
 ctcagccctg gatgtagctg agaggctggg agaagagacg accgctggag accgagcggc 300  
 gtggggaaga cctagggggg tgrrtggggg aagcagacag gagaacactc gaaatcaagc 360  
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<210> 14090  
<211> 302  
<212> DNA  
<213> Homo sapiens

<400> 14090  
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 tctagctctg tcaccaggct ggagtgcagt ggcgcgatct cggccctactg caacctctgc 180  
 ctcccggggt caagtgatcc tctgtcctct gtctcccaaa tagctgggac tatgggcgcg 240  
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 ca 302

<210> 14091  
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<212> DNA  
<213> Homo sapiens

<400> 14091  
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 aagagaatgg atttcaacag aatcgtgtgg cttcagatga taaagaagta agaatttcca 120  
 ggggacctct gagggcttat ttgagggcat gaatatggaa aattcagctc cagctcctcc 180  
 accccactcc ctgaacagca ctgcagaact gtgctaagct cctgtggcct ggaaagaaca 240  
 gatgcaagag acataatgga gtctcgctct gtcaccaggc tggagtacag tggcgtgatt 300  
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<210> 14092  
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<212> DNA  
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<400> 14092  
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 atgaattaat gttttcttcc tagagacctt caaataattt aagcccatct taaagggtga 180  
 aatgaagtac ttccaaaatg ttaactttgc ctatatattag tattatagtt cagagtagat 240  
 ctttcattga ggattgccct caacagctta actactttcc tcacattggg gtccagctaa 300  
 gtacctcaag ttaaaggtaa gatcccttta ccagcagatc agtgcgatga attaggttgt 360  
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 gcatctaatt gtctaattct cttaaatgca aaagtcgggt tatgaaagac ttgggttaac 480  
 ctgtgtggta taaacttact gaaaatcaga tgtagtgaga gtagtttgaa tgctttagt 540  
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<212> DNA  
<213> Homo sapiens

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cacagcagga ggaagagaca ttcttactaa tttctgcttc tgattatgtg ccagtcagca 120  
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tcgccagaag gt 192

<210> 14094  
<211> 262  
<212> DNA  
<213> Homo sapiens

<400> 14094  
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gtccacatcc ctggcctcag cccgccacat caccctgacc tgcttacgcc cagcctgtgg 120  
acattttcgc ggtccggggtc cctgcggcgg acgggtcgga tcgtgctcgt ggccagggcg 180  
cagtcagggtg tcgcgtgggtc ctgatctagg aagagactgc ggccttatca ccgtctcggt 240  
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<210> 14095  
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<212> DNA  
<213> Homo sapiens

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aacagaatat tcgcgaatct ctngtgcgga atctacagtg ggccaaggct catgaacttc 180  
cagaaagtat gtgtcttaag tttgactgtg gtgttcagat tcaattagga tttgcagctg 240  
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<400> 14096  
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agccccaggc ttaagccttt caaaaaata ataataacaa tcatcggcgg cggcaggatc 180

ggccagagga ggaggggaagc gctttttttg atcctgattc cagtttgcct ctctcttttt 240  
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<212> DNA  
<213> Homo sapiens

<400> 14098  
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<210> 14099  
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<212> DNA  
<213> Homo sapiens

<400> 14099  
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cggcgtcggg tgccctctct tgcacagctg gggcacagcg aggcggcccc ttctcccgac 180  
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cctcccccc 249

<210> 14100  
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<212> DNA  
<213> Homo sapiens

<400> 14100  
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ctcgcgagca agcattactc tactgactgg cagagacagg agargtagat gtccacgccc 180  
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<210> 14101  
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<212> DNA  
<213> Homo sapiens

<400> 14101  
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taagaggcag cagttcggaa gccggttcct gagagatccg gcgcgcgtct tccaccacaa 120  
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<210> 14102  
<211> 201  
<212> DNA  
<213> Homo sapiens

<400> 14102  
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<210> 14103  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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aaggaaaaaa aaacacccaaa aa 142

<210> 14106  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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